



CANADA : <http://biz.lgservice.com>
USA : <http://www.lgservice.com>
: <http://lgservice.com/techsup.html>

PLASMA TV

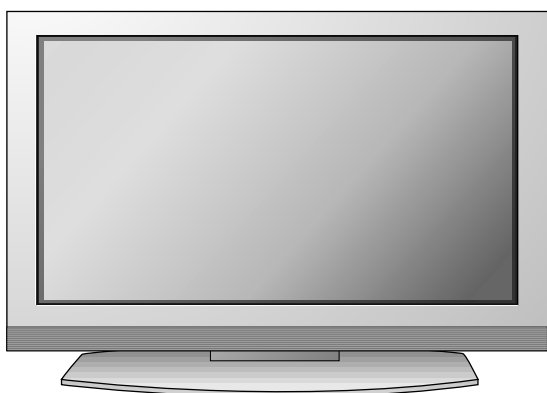
SERVICE MANUAL

CHASSIS : RF-043A

MODEL : RU-42PZ61 RU-42PZ71

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by Δ in the Schematic Diagram and Replacement Parts List.

It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.

Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by its Neck.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

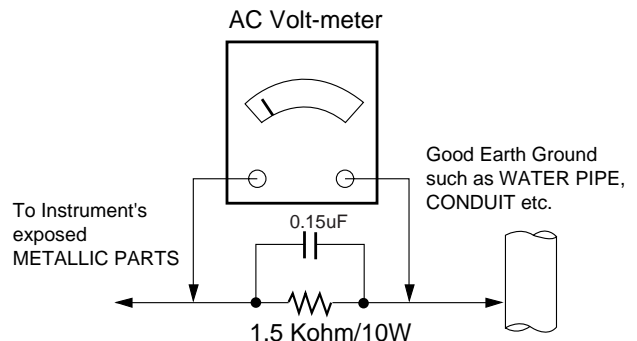
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



CANADA: LG Electronics Canada, Inc. 550 Matheson
Boulevard East Mississauga, Ontario L4Z 4G3

USA : LG Customer Interactive Center
P.O.Box 240007, 201 James Record Road Huntsville,
AL 35824
Digital TV Hotline 1-800-243-0000

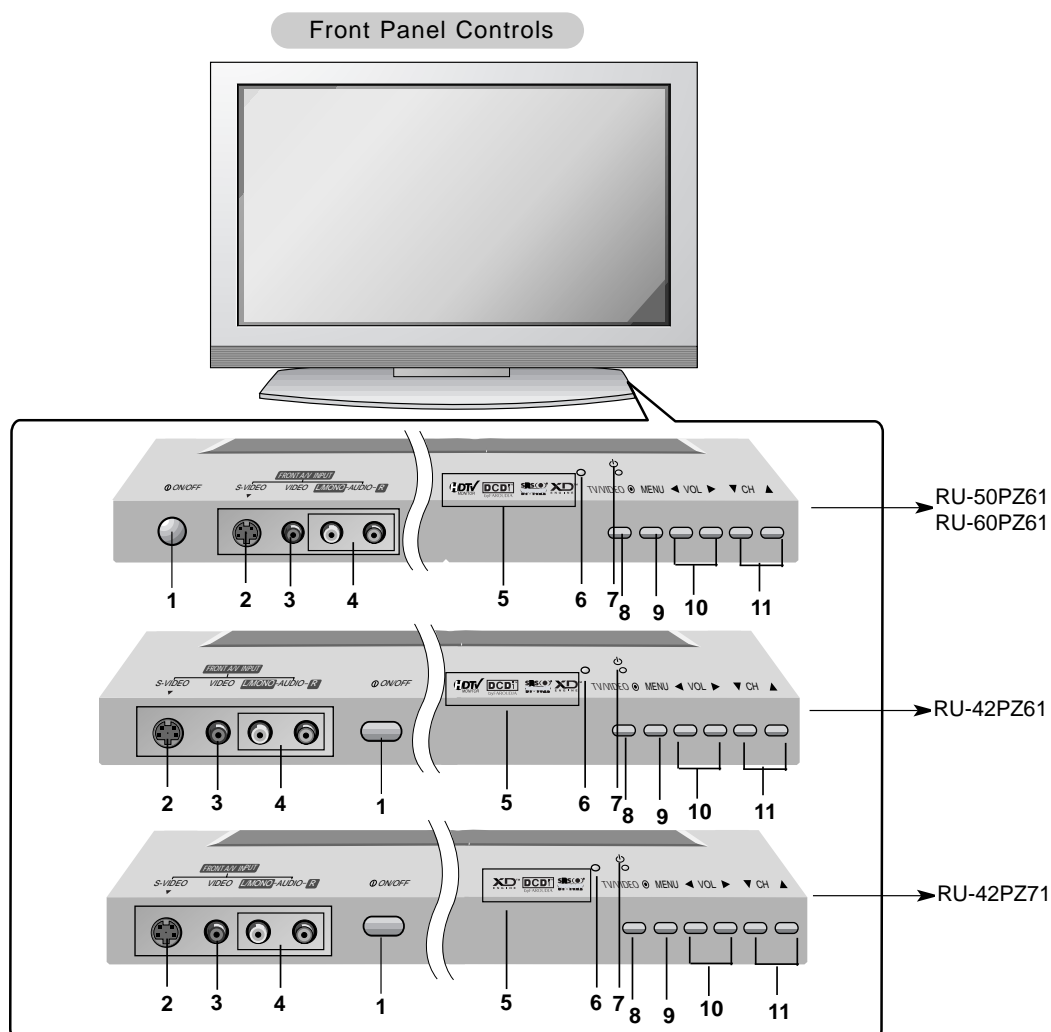
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PRINTED CIRCUIT BOARD	

DESCRIPTION OF CONTROLS

Controls

- This is a simplified representation of front panel.
Here shown may be somewhat different from your TV.



1. ON/OFF Button

2. S-VIDEO Input

A connection available to provide better picture quality than the video input.

3. VIDEO Input

Connects the video signal from a video device.

4. AUDIO Input

Use to connect to hear stereo sound from an external device.

5. INDEX

Switches LED Display on or off.

6. Remote Control Sensor

7. Power Standby Indicator

Illuminates red in standby mode, Illuminates green when the TV is turned on.

8. TV/VIDEO or ENTER Button

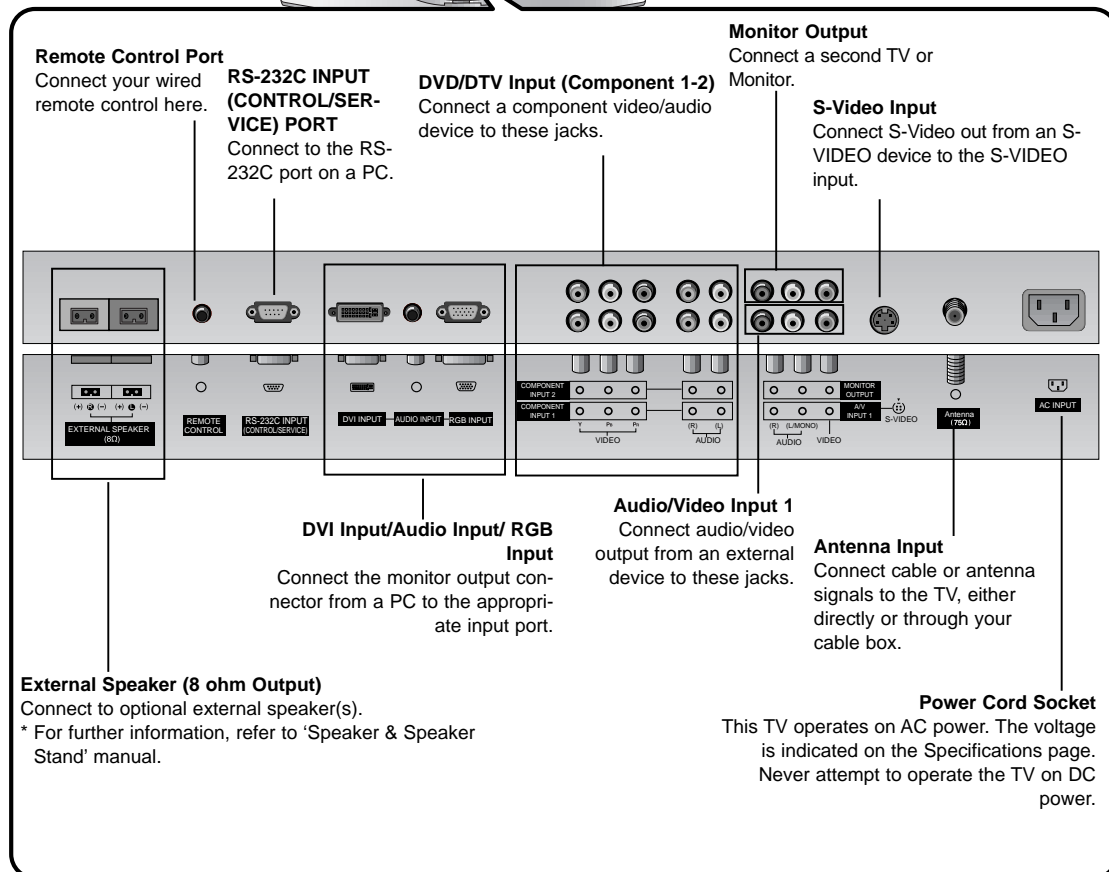
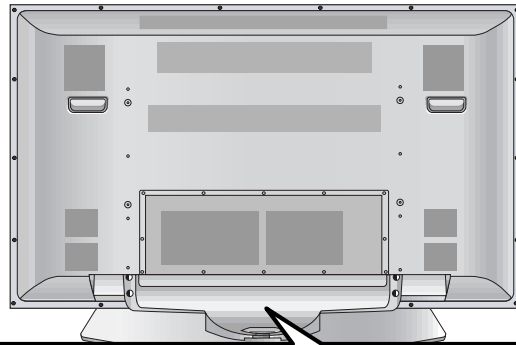
9. MENU Button

10. VOLUME (◀▶) Buttons

11. CHANNEL (▼▲) Buttons

DESCRIPTION OF CONTROLS

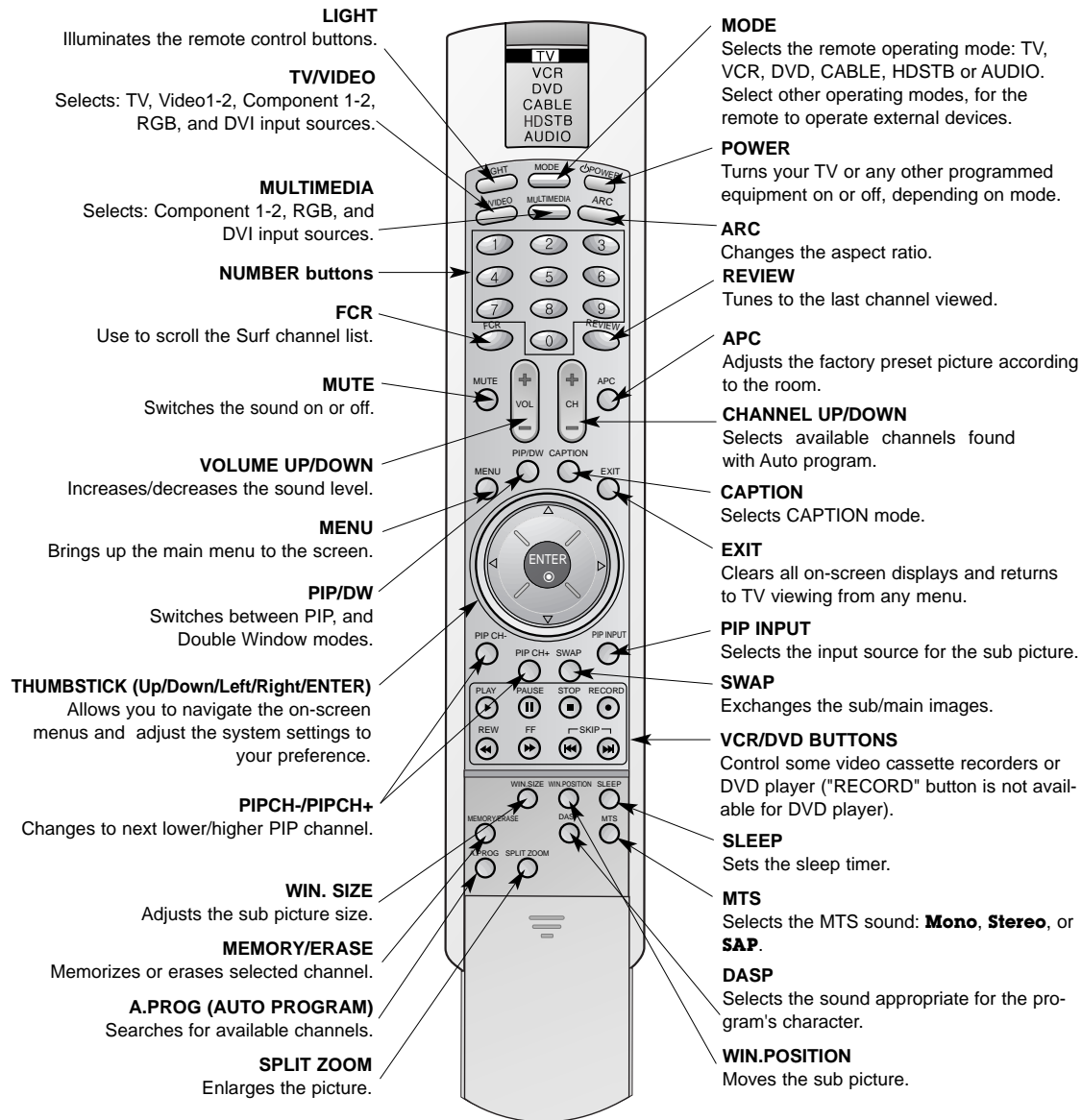
Connection Options



DESCRIPTION OF CONTROLS

Remote Control Key Functions

- When using the remote control, aim it at the remote control sensor on the TV.



SPECIFICATIONS

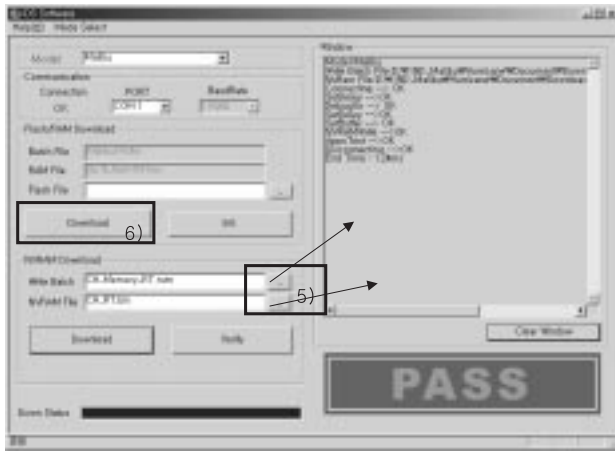
MODEL	RU-42PZ61	RU-42PZ71	RU-50PZ61	RU-60PZ61
Width (inches / mm)	49.6 / 1260	49.6 / 1260	57.7 / 1465	56.5 / 1436
Height (inches / mm)	28.5 / 724.8	28.6 / 726.2	33.3 / 845.6	36 / 913.2
Depth (inches / mm)	11.3 / 287	11.3 / 287	13.2 / 335	3.9 / 98.6
Weight (pounds / kg)	96.7 / 43.84	96.7 / 43.84	117.5 / 53.3	172.3 / 78.15
Resolution	1024 x 768 (Dot)	852 x 480 (Dot)	1366 x 768 (Dot)	1366 x 768 (Dot)
Power requirement	AC100-240V, 60Hz			
Television System	NTSC			
Program Coverage	VHF 2 ~ 13, UHF 14 ~ 69, CATV 1 ~ 125			
External Antenna Impedance	75 Ω			
Color	16,770,000 (256 steps of each R, G and B)			
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)			
Operating Humidity Range	Less than 80%			
Maximum Elevation	6561 feet (2000m)			

Speaker

MODEL	RU-42PZ61	RU-42PZ71	RU-50PZ61
Width (inches / mm)	4.3 / 110		4.7 / 120
Height (inches / mm)	26.4 / 669.3		30.7 / 779.4
Depth (inches / mm)	3.7/95	3.6/90.5	3.9 / 98.2
Weight (pounds / kg)	4.5 / 2.03		5.7 / 2.57

- The specifications shown above may be changed without notice for quality improvement.

ADJUSTMENT INSTRUCTIONS

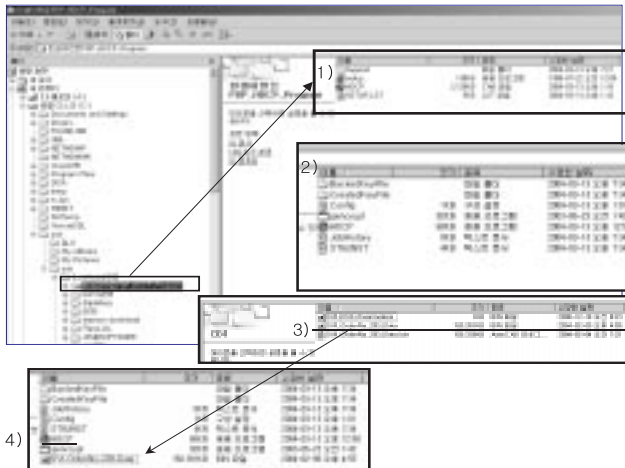


(Fig. 3)

4. HDCP Download

4-1. LGIDS Setting Method

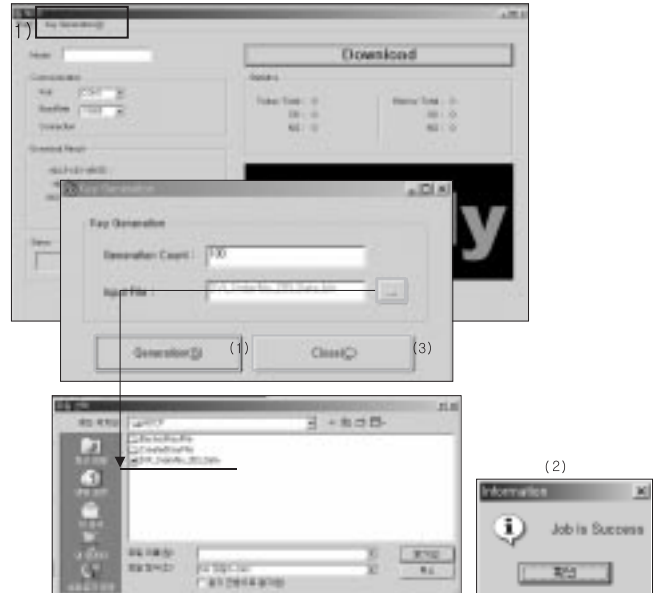
- (1) Click on 'setup' to install in your directory.
- (2) After installation has completed, check if the file shown on (Fig. 4) has been created.
- (3) Copy the KEY from source CD into the HDCP directory which was installed just now.
(DVI_orderNo_2003_data)



(Fig. 4)

- (4) After running HDCP(application program) which is inside the HDCP directory, setup the Communication.
Port : COM1(modification possible)
BaudRate : 115200

4-2. KEY Generation



(Fig. 5)

- (1) Click on 'Key Generation (G)'.
- (2) Input the number of the key in Generation count.
ex) If 100 Keys are required, then just register 100 and next time it will automatically get 101.
- (3) Input file : When installing the program for the first time, you must find the original KEY that you copied and open it. It is crucial that you copy the original KEY into this directory.
When you use Generation, the information is recorded in Config.ini.
- (4) Click on 'Generation' (1)
If it is done correctly, you will see "Job is Success." (2)
Click on 'close' (3)
- (5) Check the Generation Data(Confirmation it's possible within HDCP\CreatedKeyFile)

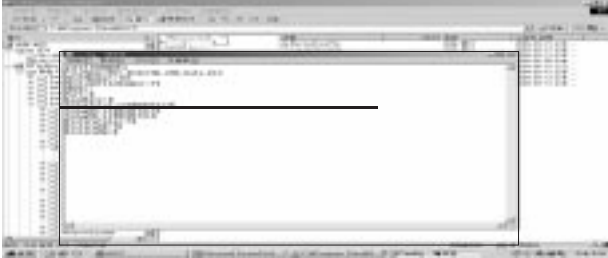


(Fig. 6)

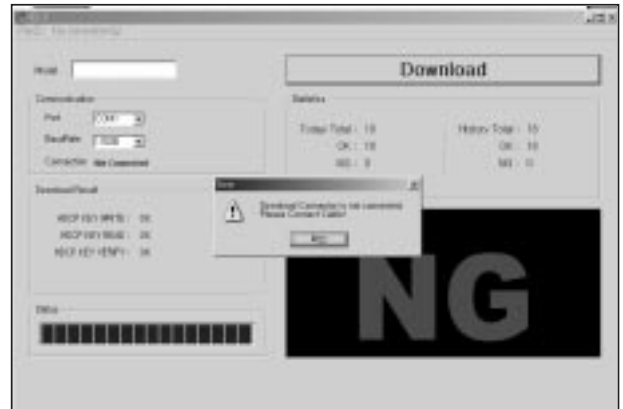
ADJUSTMENT INSTRUCTIONS

(6) It is possible to check how many Generations are created at this point.

(Fig. 7) shows that you have created 130 Generations and you will start from 131 next time.



(Fig. 7)



(Fig. 10) Abnormal State

4-3. HDCP Download Method

(1) Input power of Stand-By 5V.

(Download must be executed only when it is on Stand-by)

(2) The RS-232C(9PIN) must be connected to the COM1 on the PC.



(Fig. 8)

(3) If all the preparation is completed, click on 'Download'.



(Fig. 9) Normal State

(4) If abnormal state (Fig. 10) display then (3) execute.

Each PCB assembly must be checked by Check JIG Set before assembly. (Take special note of the Power PCB, which can easily damage the PDP module)

5. POWER PCB Assy Voltage Adjustments (Va, Vs Voltage Adjustments)

5-1. Test Equipment : D.M.M. 1EA

5-2. Connection Diagram for Measuring

Refer to (Fig 11).

5-3. Adjustment Method for P/No. 3501V00180A B/D

(1) Va Adjustment

- 1) After receiving 100% Full White Pattern, HEAT RUN.
- 2) Connect + terminal of D.M.M to Va pin of P805, connect - terminal to GND pin of P805.
- 3) Turn RV501, to adjust the Va voltage to match the value marked on the label on the right/top of the panel. (Deviation; $\pm 0.5V$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805, connect - terminal to GND pin of P805.
- 2) Turn RV401, to adjust the Vs voltage to match the value marked on the label on the right/top of the panel. (Deviation; $\pm 0.5V$)

ADJUSTMENT INSTRUCTIONS

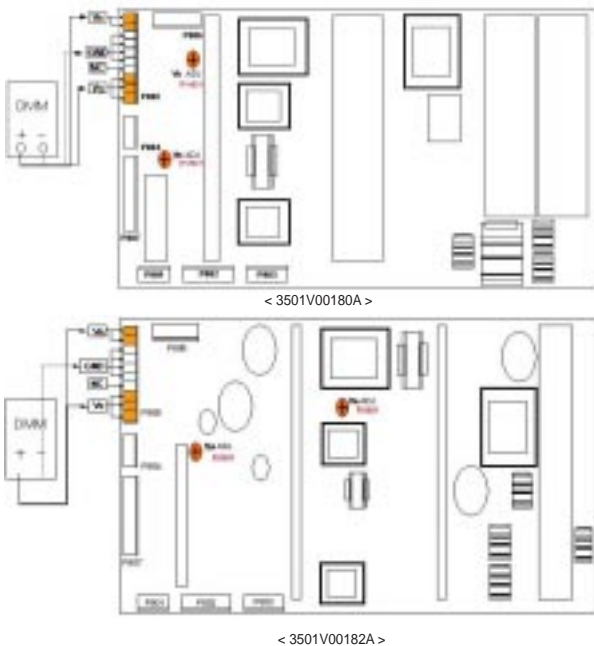
5-4. Adjustment Method for P/No. 3501V00182A B/D

(1) Va Adjustment

- 1) After receiving 100% Full White Pattern, HEAT RUN.
- 2) Connect + terminal of D.M.M to Va pin of P805, connect - terminal to GND pin of P805.
- 3) Turn RV601, to adjust the Va voltage to match the value marked on the label on the right/top of the panel. (Deviation; $\pm 0.5V$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805, connect - terminal to GND pin of P805.
- 2) Turn RV401, to adjust the Vs voltage to match the value marked on the label on the right/top of the panel. (Deviation; $\pm 0.5V$)



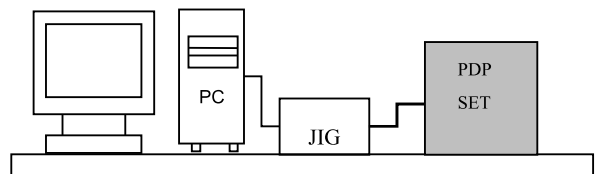
(Fig. 11) Connection Diagram of Power Adjustment for Measuring

6. DDC Data Input

6-1. Required Test Equipment

- (1) A jig for adjusting PC, DDC (PC serial to D-sub Connection equipment)
- (2) S/W for writing DDC (EDID Data Write & Read)
- (3) D-sub 15P Cable, D-Sub to DVI Connector (Connect to DVI Jack)

6-2. Setting of Device



6-3. Preparation for Adjustment

- (1) Set devices as above and turn the PC and jig on.
- (2) Put S/W for writing DDC (EDID data Write & Read) into operation. (operated in DOS mode.)

6-4. Sequence of Adjustment

(1) DDC Data Input for Analog-RGB

- 1) Put the set on the table and turn the power on.
- 2) Connect PC Serial to D-sub 15P Cable of jig for DDC adjustment to RGB terminal (D-Sub 15Pin).
- 3) Operate S/W for DDC record and select DDC data for Analog RGB in Model Menu.
- 4) Operate EDID Write command.
- 5) Operate EDID Read command and check whether Check Sum is 53.
- 6) If Check Sum is not 53, repeat 3) ~ 4).
- 7) If Check Sum is 53, DDC data for Analog-RGB input is completed.

(2) DDC Data input for Digital-RGB(DVI)

- 1) Connect PC Serial to DVI Cable of jig for DDC adjustment to DVI terminal (DVI Jack).
- 2) Operate S/W for DDC record and select DDC data for digital RGB in model menu.
- 3) Operate EDID Write command.
- 4) Operate EDID Read command and check whether Check sum is D2(1page), BF(2page).
- 5) If Check sum is not D2(1page), BF(2page), repeat 3) ~ 4).
- 6) If Check sum is D2(1page), BF(2page), DDC data for Analog-RGB input is completed.

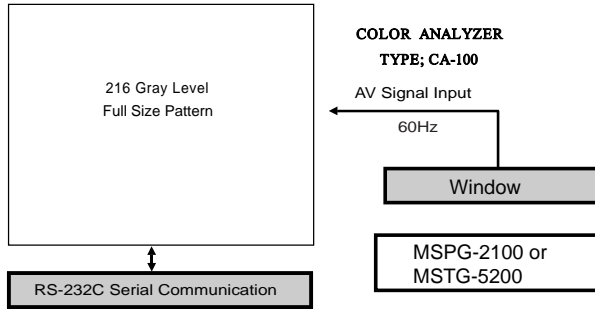
ADJUSTMENT INSTRUCTIONS

7. Adjustment of White Balance

7-1. Required Equipment

Color Analyzer (CA-100 or similar product)

7-2. Connection Diagram of Equipment for Measuring



(Fig. 12) White Balance Adjustment

7-3. Adjustment of White Balance

- Operate the Zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- For manual adjustment, it is also possible by the following sequence.

- (1) Select white pattern of heat-run mode by pressing power key on the Service Remote Control (S R/C) then allow to heat run at least 15 minutes.
- (2) Supply Gray Pattern (216 Level Full Size Pattern: Signal level= $0.59V \pm 0.03V$) signal to VIDEO input. (AV2 Input 60Hz) (Refer to Fig. 12)
- (3) Press the FRONT-AV KEY on R/C for converting input mode.
- (4) To adjust, stick sensor to 216 Gray Level Pattern, press ADJ key twice(White Balance) on S R/C and ▲, ▼ on S R/C to select Red Gain and Green Gain. Press VOL +, - keys to adjust until color coordination matches below.

* 216 Gray level=Signal level $0.59V \pm 0.03V$

X; 0.283 ± 0.003 , Y; 0.297 ± 0.003
Color Temperature; $9,300^{\circ}K \pm 500^{\circ}K$

- (5) Exit adjustment mode using ■ Key.

8. Auto Component Color Balance

8-1. Required Test Equipment

Pattern Equipment: MSP3240A or similar product
(16 Gray Scale Pattern output(Component output Level: 0.7Vp-p))

8-2. Method of Auto RGB Color Balance

- (1) Input RGB Source : Component 480p/576p 16 Gray Scale Pattern
At this time, only connect the Y signal, not Pb and Pr.
- (2) Press ADJ KEY on the S R/C.
- (3) Press Vol. + KEY and operate To set.
- (4) Auto-RGB OK means completed adjustment.

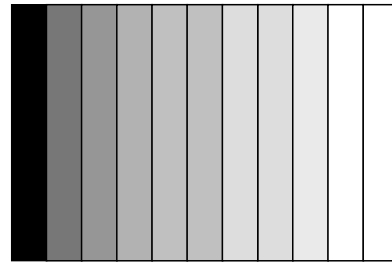
9. Auto RGB Color Balance

9-1. Required Test Equipment

Pattern Equipment: PC Pattern Generator (VG828, VG854, 801GF, MSP3240A)
(16 Gray Scale Pattern output(RGB output Level: 0.7Vp-p))

9-2. Method of Auto RGB Color Balance

- (1) Input RGB Source : 16 Gray Scale Pattern output (RGB output Level : 0.7Vp-p)
- (2) Press ADJ KEY on the S R/C.
- (3) Press Vol. + KEY and operate To SET.
- (4) Auto-RGB OK means completed adjustment.



(Fig. 13) Auto RGB/ Component Color Balance Test Pattern

10. Auto Adjustment Map(RS-232C)

RF-043A						
Type	RS232					
Baud Rate	Data bit		Stop bit		Parity	
115200	8		1		NONE	
Protocol Setting	Index	Cmd1	Cmd2	Data	Min Value	Max Value
	R Gain	j	a		00(00)	255(FF)
	G Gain	j	b		00(00)	255(FF)
	B Gain	j	c		00(00)	255(FF)
	R Offset	j	d		00(00)	255(FF)
	G Offset	j	e		00(00)	255(FF)
	B Offset	j	f		00(00)	255(FF)

TROUBLE SHOOTING GUIDE

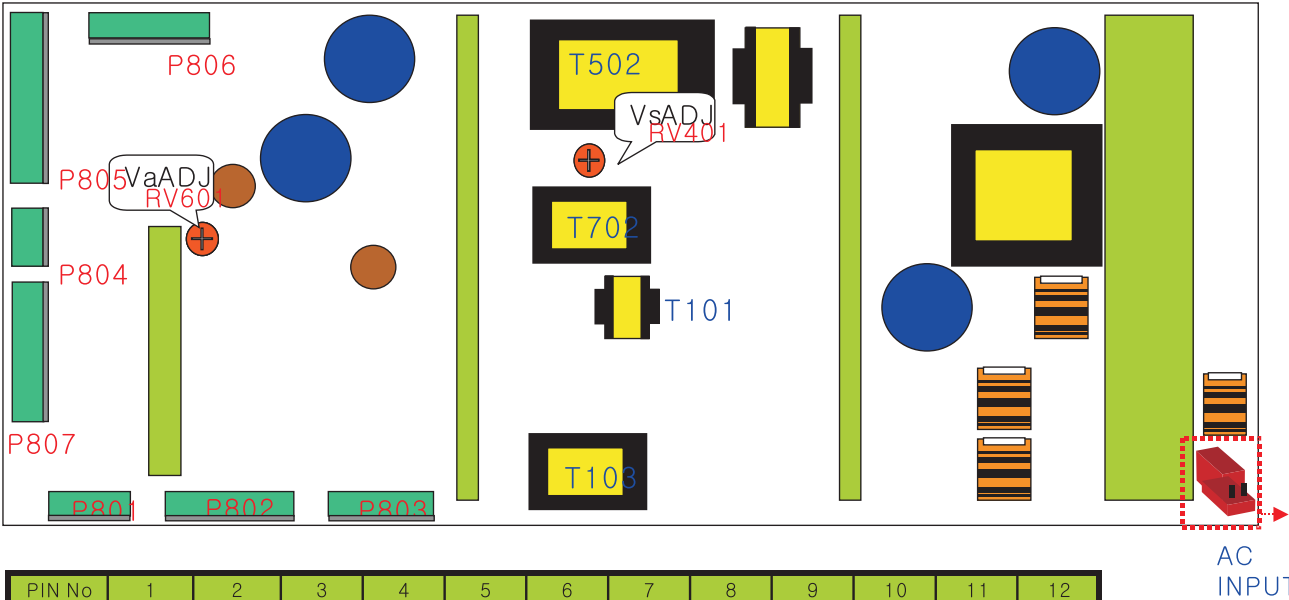
1. Power Board

1-1. General Power Flow

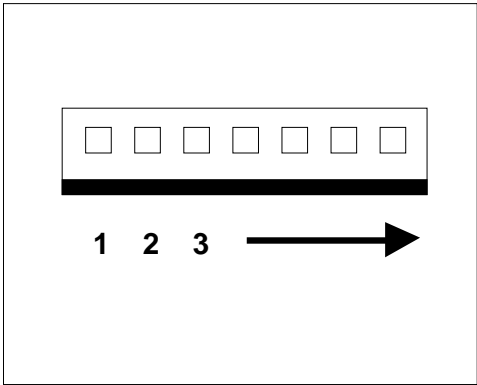


TROUBLE SHOOTING GUIDE

1-2. 3510V00182A Power Board Structure



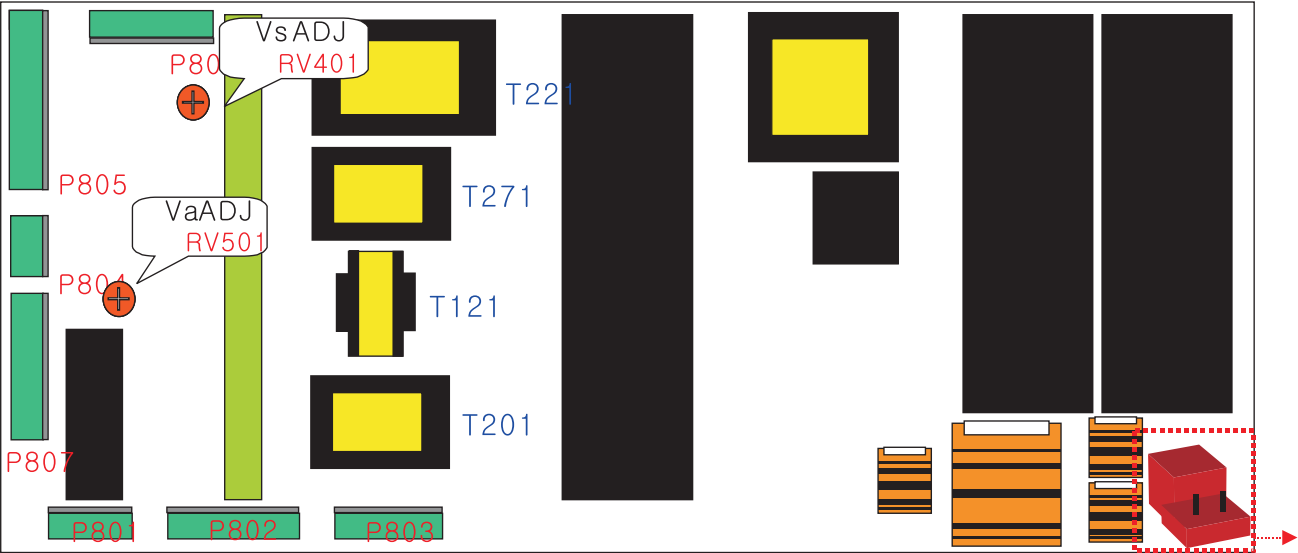
PIN No	1	2	3	4	5	6	7	8	9	10	11	12
P801	POD	5V-MNT	VS-ON	GND	STBY5V	RL-ON	A-ON					
P802	GND	GND	12V	12V	GND	GND	6V	6V	GND	GND	3.4V	3.4V
P803	GND	12V	GND	3.4V	GND	6V	GND	GND	25V	25V		
P804	GND	GND	5V	5V								
P805	Vs	Vs	Vs	NC	GND	GND	GND	GND	Va	Va		
P806	5V	GND	Va	GND	GND	NC	Vs	Vs				
P807	5V	5V	5V	5V	GND	GND	GND	GND				



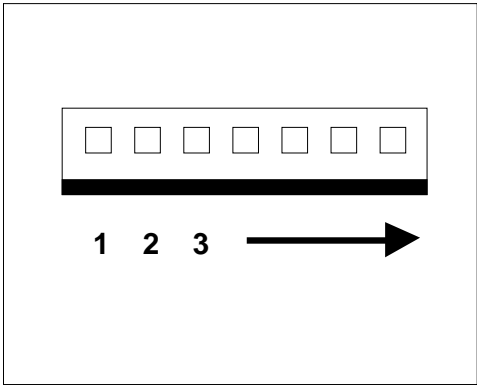
- T502: Vs Trans
- T702: Va Trans
- T101: St-by Trans
- T103: Low Voltage Trans

TROUBLE SHOOTING GUIDE

1-3. 3501V00180A Power Board Structure



PIN No	1	2	3	4	5	6	7	8	9	10	11	12
P801	POD	5V-MNT	VS-ON	GND	STBY5V	RL-ON	A-ON					
P802	GND	GND	12V	12V	GND	GND	6V	6V	GND	GND	3.4V	3.4V
P803	GND	12V	GND	3.4V	GND	6V	GND	GND	19V	19V		
P804	GND	GND	5V	5V								
P805	Vs	Vs	Vs	NC	GND	GND	GND	GND	Va	Va		
P806	5V	GND	Va	GND	GND	NC	Vs	Vs				
P807	5V	5V	5V	5V	GND	GND	GND	GND				



- T221: Vs Trans
- T271: Va Trans
- T121: St-by Trans
- T201: Low Voltage Trans

TROUBLE SHOOTING GUIDE

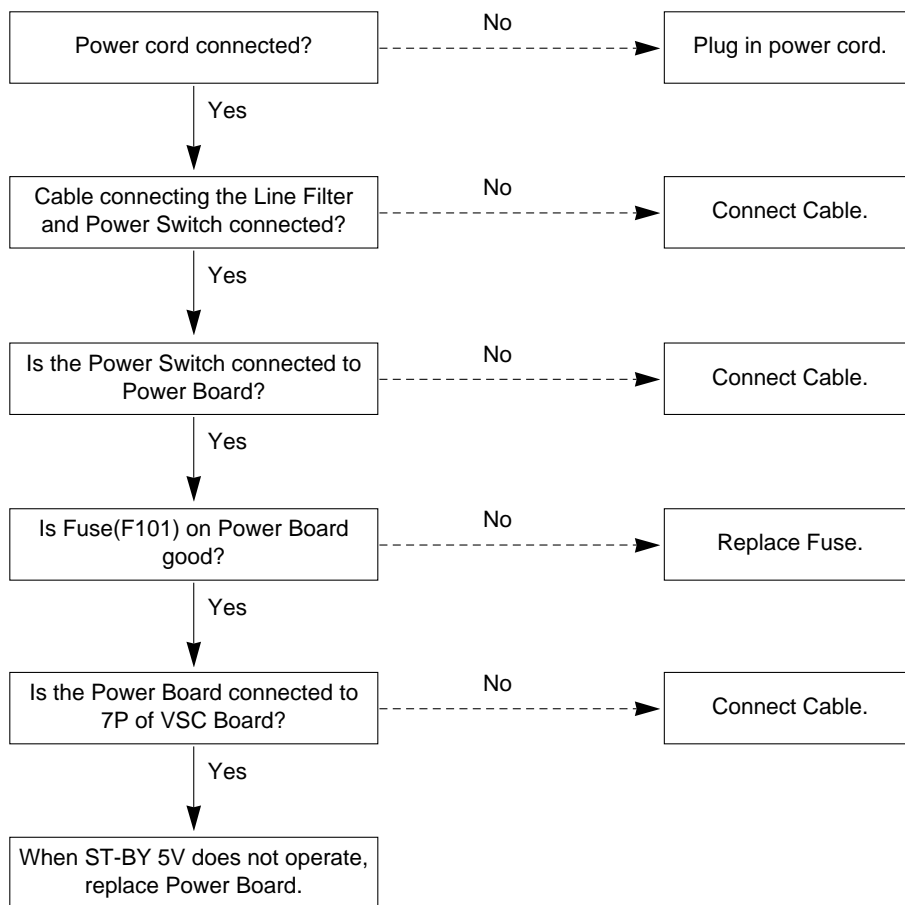
2. No Power

(1) Symptom

- Does't minute discharge at module.
- No front LED.



(2) Check follow

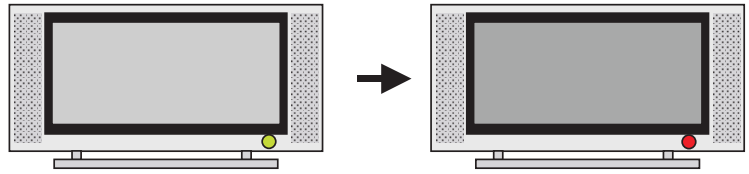


TROUBLE SHOOTING GUIDE

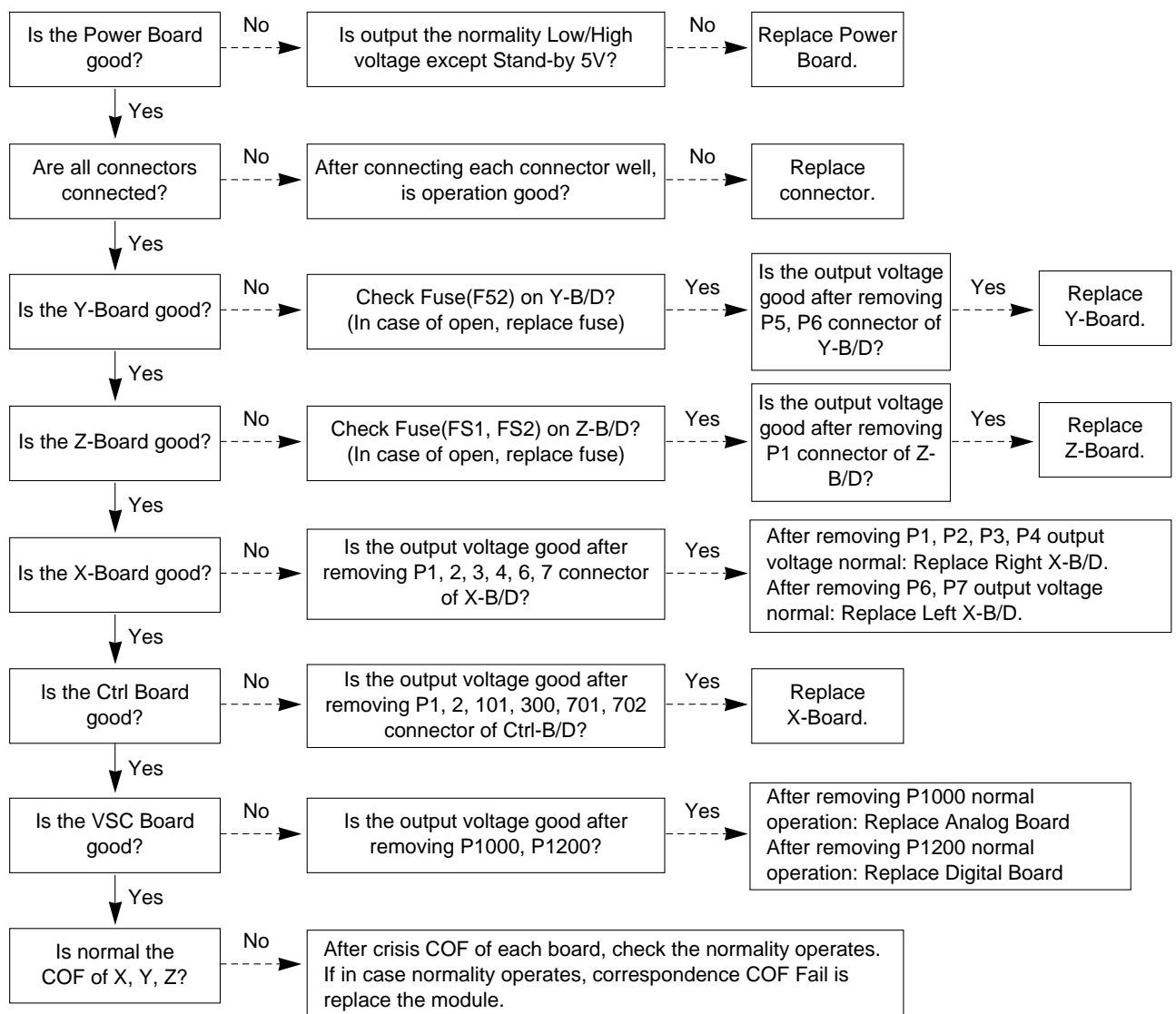
3. Protect Mode

(1) Symptom

- After once shining, it does not discharge minutely from module
- The Relay "clicks"
- Front LED changes from Green to Red



(2) Check follow



TROUBLE SHOOTING GUIDE

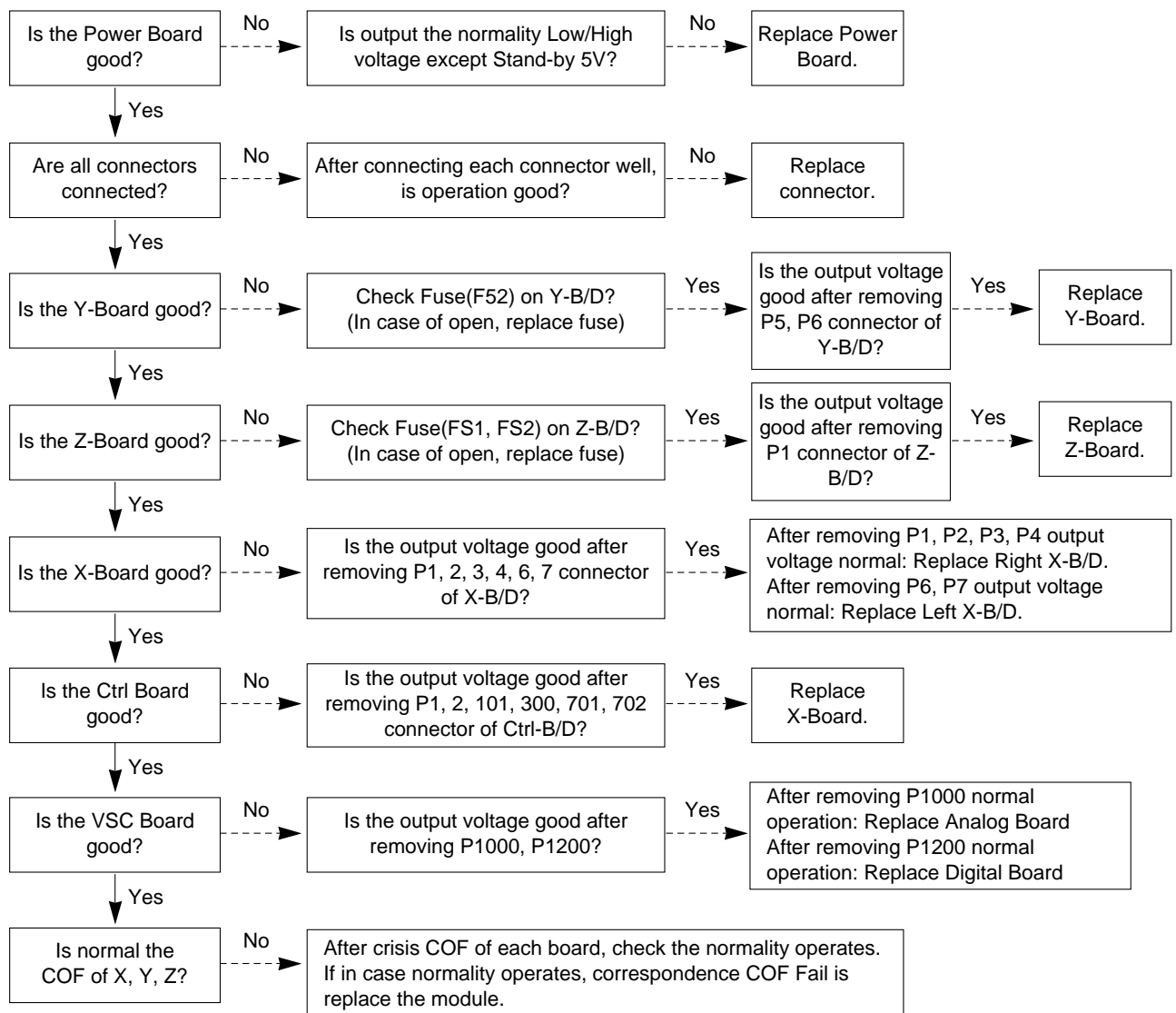
4. No Raster

(1) Symptom

- Does't minute discharge at module.
- Front LED is green but, no Raster.



(2) Check follow



TROUBLE SHOOTING GUIDE

5. Abnormal Display

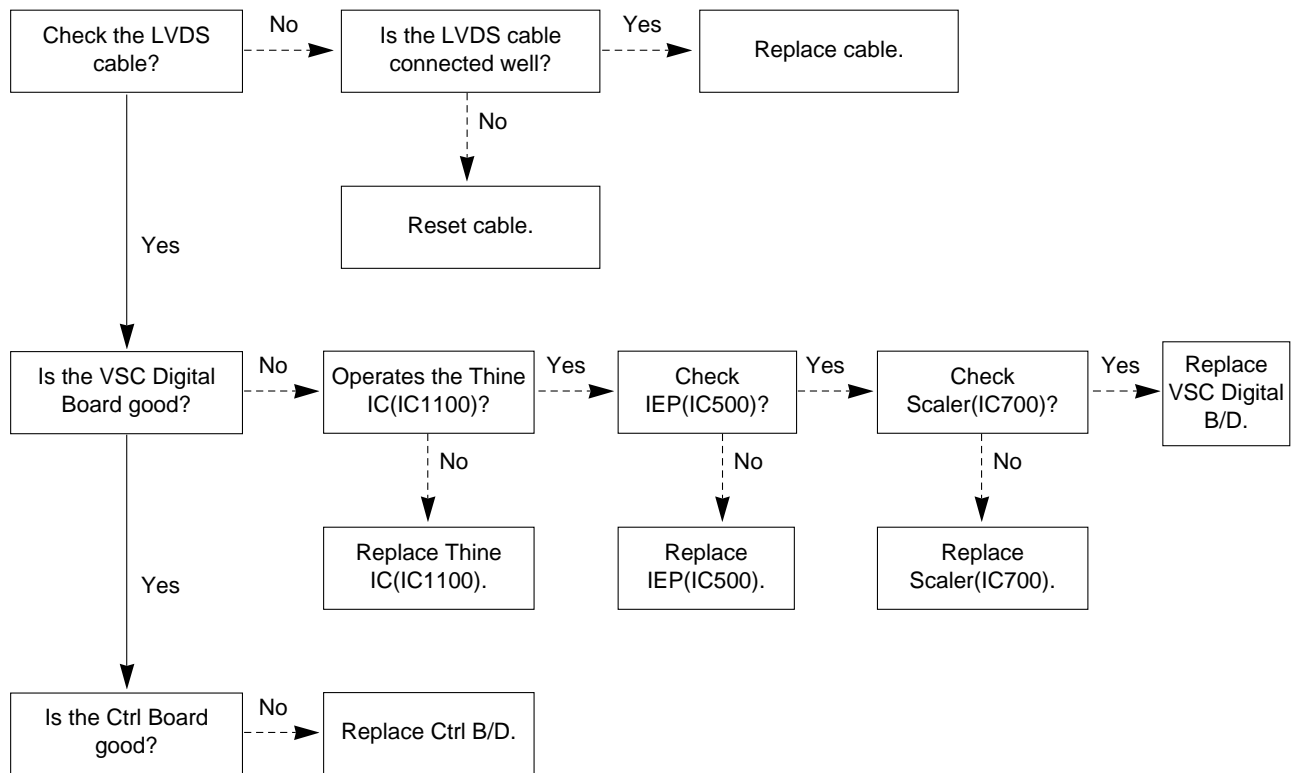
5-1. Does't display the OSD

(1) Symptom

- LED is green
- The minute discharge continuously becomes accomplished from module



(2) Check follow

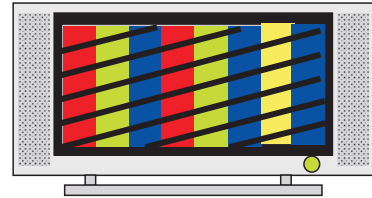


TROUBLE SHOOTING GUIDE

5-2. In case of does't display the screen into specific mode

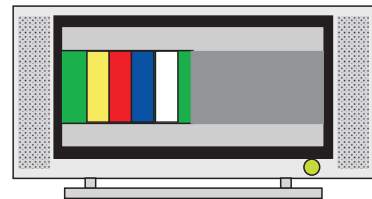
(1) Symptom

- The screen does not become the display from specific input mode (RF, AV, Component, RGB, DVI).

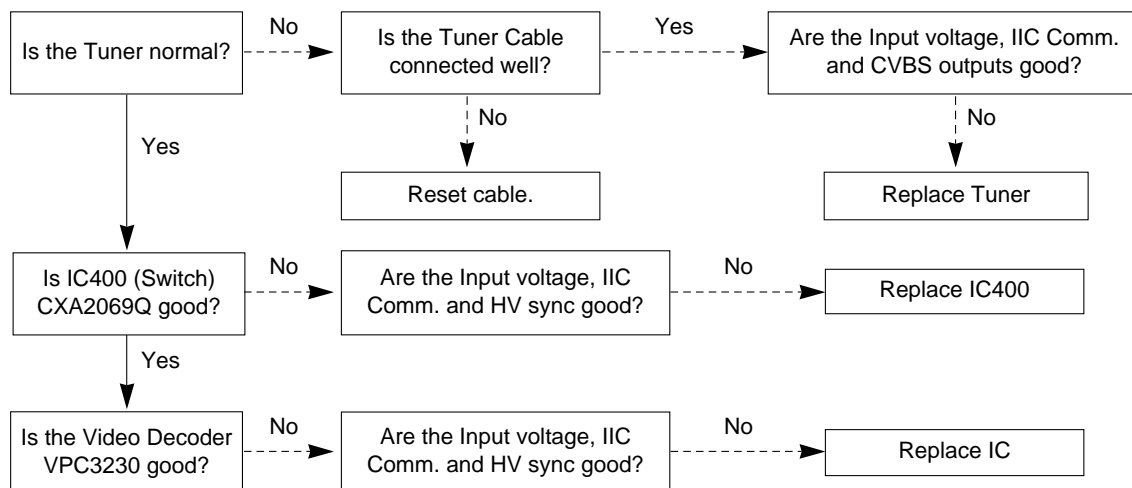


(2) Check follow

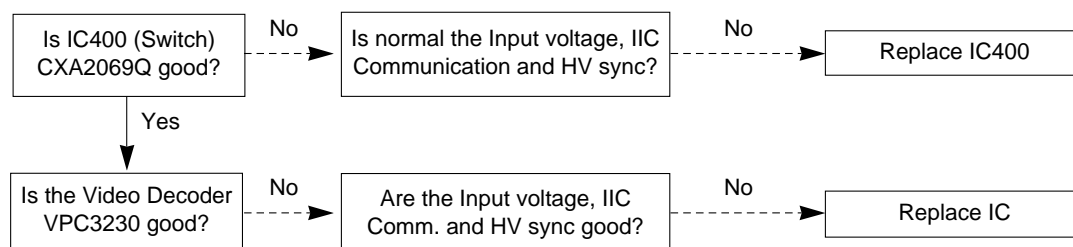
- Check the all input mode should become normality display.
- Check the Video(Main)/Data(Sub), Video(Main)/Video(Sub) should become normality display from the PIP mode or DW mode. (Re-Check it Swap)



(3) Abnormal display in RF mode

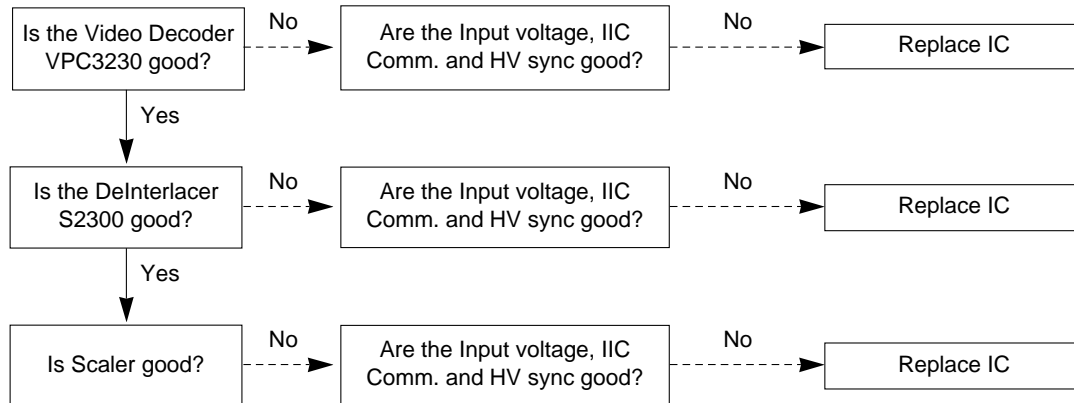


(4) Abnormal display in AV mode

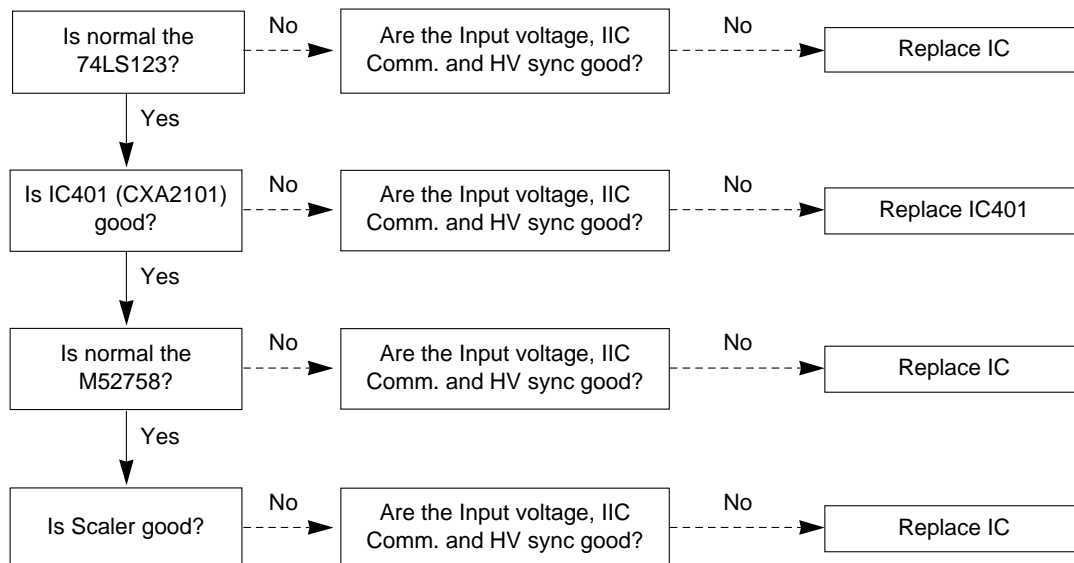


TROUBLE SHOOTING GUIDE

(5) Abnormal display in Component 480i mode

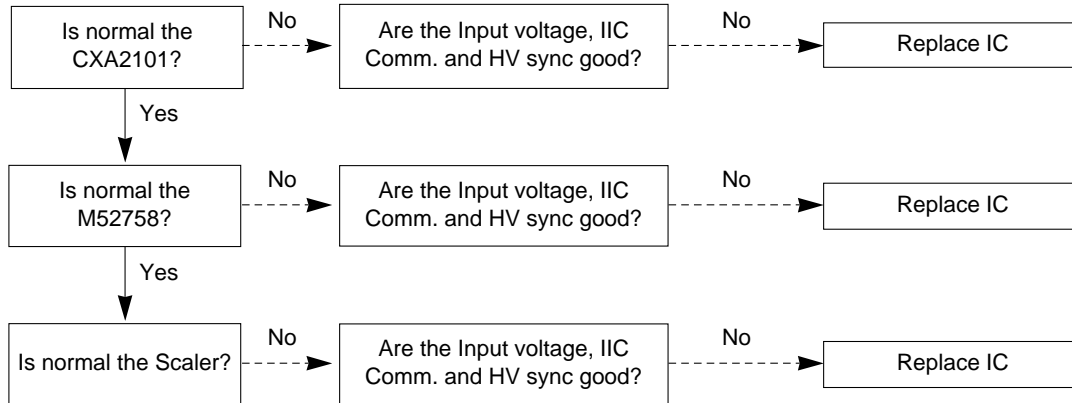


(6) Abnormal display in Component DTV mode

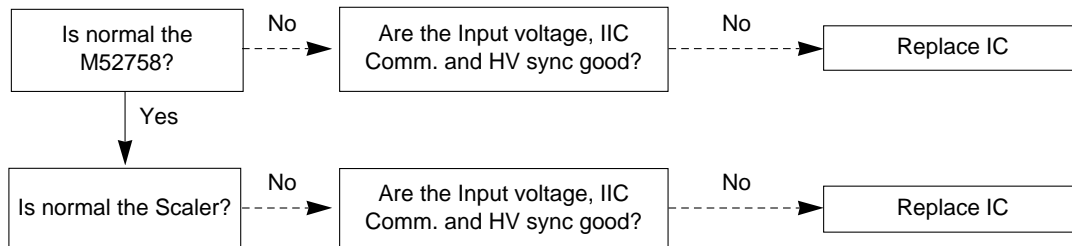


TROUBLE SHOOTING GUIDE

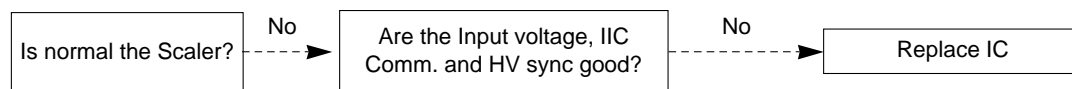
(7) Abnormal display in RGB DTV mode



(8) Abnormal display in RGB PC mode



(8) Abnormal display in DVI mode

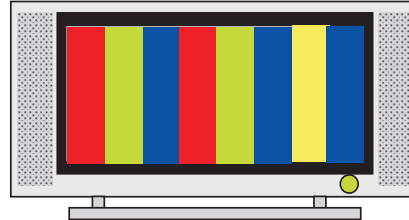


TROUBLE SHOOTING GUIDE

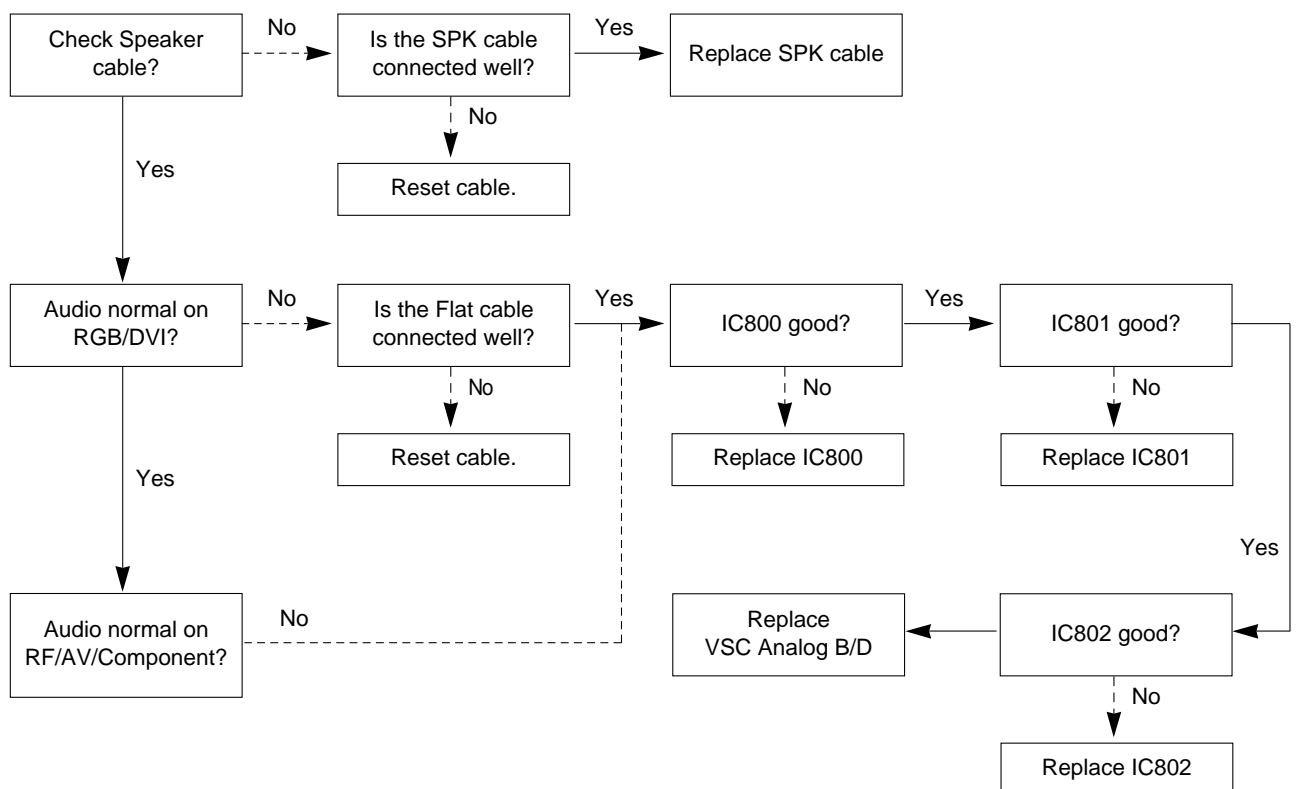
6. No sound

(1) Symptom

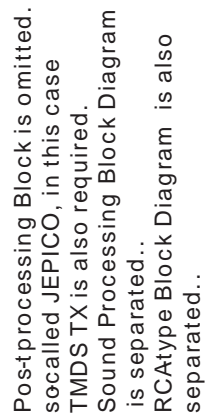
- LED is green
- Screen display but no audio



(2) Check follow



BLOCK DIAGRAM



The block diagram illustrates the architecture of the digital board, which is connected to various input and output boards. The digital board is the central component, receiving data from the Digital Board (WIRE IR, RS232, RGB (PC/DTV), DVI (PC/DTV)) and the Analog Board (Comp1, Comp2, CVBS IN, CVBS OUT, S-VHS, RF). It also receives data from the Side A/V board (Side-CVBS, Side S-VHS). The digital board processes the data and outputs it to the IEP, ZHINE, LVDS 31PIN, TQFP 128K DDR Memory, Flash ROM 512K/1M, and the HY57V64322 SDRAM (8MB). The digital board is connected to the Analog Board via the M52758FP IC204 and the CX201. The digital board is also connected to the Side A/V board via the CX2069Q. The digital board is connected to the IEP, ZHINE, LVDS 31PIN, TQFP 128K DDR Memory, and Flash ROM 512K/1M via the TMDS Transfer /Thine. The digital board is connected to the HY57V64322 SDRAM (8MB) via the FLI2300. The digital board is connected to the VPC3230 (MAIN) and VPC3230 (SUB) via the M656 8Bit. The digital board is connected to the S656 8Bit via the M62320FP (I2C Expander).

This exploded perspective view illustrates the assembly of a vehicle interior component, likely a door panel or dashboard section. The diagram shows the following components and their assembly sequence:

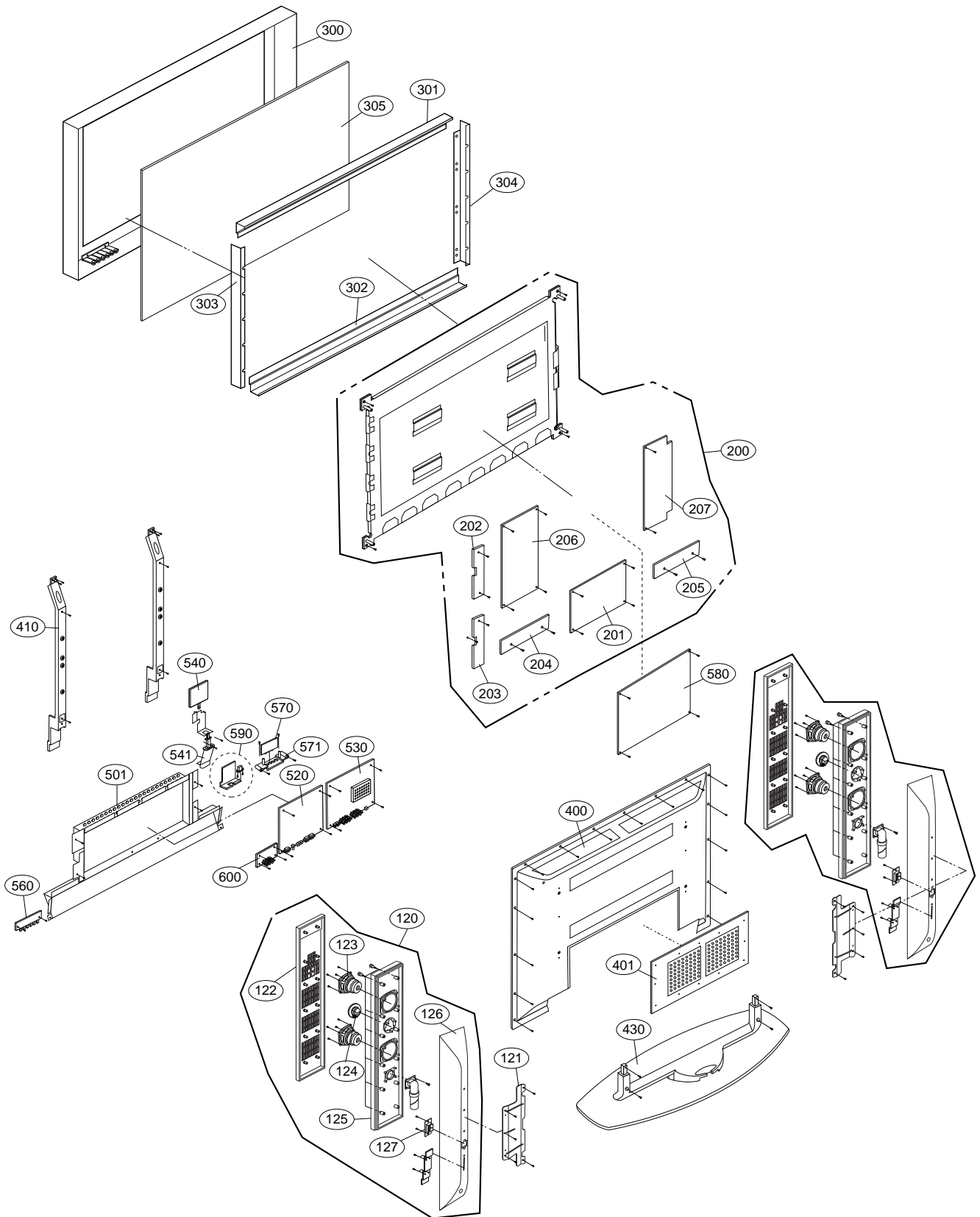
- 315**: The main outer frame or housing.
- 308**, **307**, **306**, **313**, **312**, **310**, **314**: Various internal structural rails and mounting brackets.
- 300**: A large rectangular panel or insert.
- 305**, **301**, **304**, **303**, **302**: Additional structural elements and trim pieces.
- 200**: A central panel with multiple rectangular cutouts.
- 202**, **206**, **201**, **205**, **203**, **204**: Various internal components and mounting hardware.
- 580**: A large rectangular panel or insert.
- 400**, **401**: A panel with a grid-like pattern.
- 430**: A curved trim piece.
- 120**, **123**, **122**, **124**, **126**, **125**, **127**, **121**: Various internal components, including what appears to be a speaker or control unit.
- 501**, **541**, **540**, **570**, **590**, **571**, **530**, **550**, **600**, **560**: Various internal components and mounting hardware.
- 102**, **101**, **410**: Various internal components and mounting hardware.

The diagram uses dashed lines to indicate the assembly path and alignment of the components.

EXPLODED VIEW PARTS LIST(RU-42PZ61)

No.	Part No.	Description
101	5900V06008B	FAN,DC G6015S12B2-RG DONGYANG 60*60*15 7V 1900RPM 6/12V L=500MM
102	4980V01135A	SUPPORTER,FAN SECC(EGI) DN-42PX12X
120	6401VE0043A	SPEAKER ASSEMBLY,6401VE0043A AP-42SA61.AL
121	4980V00786B	SUPPORTER,HANGER EGI AP-42SA61/71 SPK HANGER
122	3110V00418A	CASE ASSY,AP-42SA61.AL ABS CASE
123	6400WMJX02B	SPEAKER,WOOFER F077/081303A MOTORJOY WOOFER 16OHM 10/20W 82DB
124	6400TG0005A	SPEAKER,TWEETER 13D32B-LG01 MOTORJOY 8OHM 30W 12DB .MM
125	3110V00292A	CASE,MIDDLE AP-42SA70 ABS, HF-380 SPK
126	3110V00293A	CASE,REAR AP-42SA70 ABS, HF-380 SPK
127	6871VMA381A	PCBASSEMBLY,MAIN NC-8PA SPK ASSY
200	6348Q-E042D	PDP,42 16:9 1024*768 PDP42X20000.AKLGG
201	6871QCH038A	PCBASSEMBLY,DISPLAY CTRL ASSY 42X2 CTRL LGDP4023,4013
202	6871QDH068A	PCBASSEMBLY,DISPLAY YDRV ASSY 42X2 YDRV TOP
203	6871QDH069A	PCBASSEMBLY,DISPLAY YDRV ASSY 42X2 YDRV BOTTOM
204	6871QLH037A	PCBASSEMBLY,DISPLAY XRLT ASSY 42X2 X-LEFT(TCP)
205	6871QRH043A	PCBASSEMBLY,DISPLAY XRRT ASSY 42X2 X-RIGHT (TCP)
206	6871QYH030A	PCBASSEMBLY,DISPLAY YSUS ASSY FOR 42X2
207	6871QZH034A	PCBASSEMBLY,DISPLAY ZSUS ASSY FOR 42X2
300	3091V00514A	CABINET ASSEMBLY,DN-42PZ60 STEREO DF031A .
301	4980V00718C	SUPPORTER,FILTER AL RU-42PZ61,71
302	4980V00719E	SUPPORTER,FILTER AL RU-42PZ61.
303	4980V00720C	SUPPORTER,FILTER AL RU-42PZ61. RIGHT
304	4980V00721C	SUPPORTER,FILTER AL RU-42PZ61. LEFT
305	3790V00281G	FILTER(MECH),NBK 1142G03EK-M6 AR/NIR MESH GLASS 3 LAYER
306	3210V00193A	FRAME,FRONT AL DN-42PZ60 TOP
307	3210V00196A	FRAME,FRONT AL DN-42PZ60 LEFT
308	4972V00099A	FIXER,FRAME AL DN-42PZ60 .
309	4972V00101A	FIXER,FRAME AL DN-42PZ60 .
310	3210V00194A	FRAME,FRONT AL DN-42PZ60 BOTTOM
311	3300V00287C	PLATE,FRONT NON NON DU-42PZ60(ONLY USA)
312	3210V00195A	FRAME,FRONT AL DN-42PZ60 RIGHT
313	4972V00098A	FIXER,FRAME AL DN-42PZ60 .
314	4972V00100A	FIXER,FRAME AL DN-42PZ60 .
315	3091V00543F	CABINET ASSEMBLY,RU-42PZ61 NON RF043A .
400	3809V00352C	BACK COVER ASSEMBLY,DN-42PZ66 NON .
401	3301V00025P	PLATE ASSEMBLY,VSC TUNER COVER RU-42PZ61
410	4980V00C74A	SUPPORTER ASSY,AL VERTICAL
430	3501V00166A	BOARD ASSEMBLY,D/T SPK STAND AP-42DA70 NON W/O PACKING
501	3301V00045B	PLATE ASSEMBLY,AV 3300V00427, 3300V00333 RU-42PZ71
520	6871VMMT69A	PCBASSEMBLY,MAIN RF-043A RU-42PZ71 ANALOG BUILT IN VSC B/D
530	6871VSMT20A	PCBASSEMBLY,SUB TUNER RF043A MALIBU RU-42 SUB ANALOG MANUAL
540	6871VSMABFB	PCBASSEMBLY,SUB PSW RF043A M/I RU-42PZ61/71
541	5020V01015A	BUTTON,POWER DN-42PZ60 ABS 1KEY BUTTON POWER NEWLAYOUT
550	6871VSMG44A	PCBASSEMBLY,SUB CONT RF043A SUB RF-043A FAN CTRL
560	6871VSMAAZA	PCBASSEMBLY,SUB CONT RF043A NEW HOLDER LOCAL KEY KODENSI
570	6871VSMAAYA	PCBASSEMBLY,SUB A/V RF043A RU ANALOG BUILT IN FRONT B/D
571	4810V00737A	BRACKET,AV DN-50PZ60 AB00EA ABS, AF-303S PDP
580	3501V00182B	BOARD ASSEMBLY,POWER RT-42PX12X RF043B SONY APS-208/B
590	3141VSNB49C	CHASSIS ASSEMBLY,SUB RF03FA LINE FILTER ASSY. 7 TURN TWIST
600	6871VSMG41A	PCBASSEMBLY,SUB AUDIO RF043A SPK_ TERMINAL

EXPLODED VIEW(RU-42PZ71)



EXPLODED VIEW PARTS LIST(RU-42PZ71)

No.	Part No.	Description
120	6401VE0044B	SPEAKER ASSEMBLY,6401VE0044A RU-42PZ71
121	4980V00786A	SUPPORTER,SPK EGI HANGER
122	3110V00419B	CASE ASSY,RU-42PZ71 ABS CASE
123	6400WMJX02B	SPEAKER,WOOFER F077/081303A MOTORJOY WOOFER 16OHM 10/20W 82DB
124	6400TG0005A	SPEAKER,TWEETER 13D32B-LG01 MOTORJOY 8OHM 30W 12DB .MM
125	3110V00292B	CASE,MIDDLE RU-42PZ71 ABS, HF-380 SPK
126	3110V00293A	CASE,REAR AP-42SA70 ABS, HF-380 SPK
127	6871VMA381A	PCB ASSEMBLY,MAIN NC-8PA SPK ASSY
200	6348Q-E058T	PDP,42 16:9 852*480 PDP42V60001.AKLGG
201	6871QCH034A	PCB ASSEMBLY,DISPLAY CTRL ASSY 42V6 NEW MCM(1222) LVDS
202	6871QDH066A	PCB ASSEMBLY,DISPLAY YDRV ASSY 42V6 YDRV TOP ASSY
203	6871QDH067A	PCB ASSEMBLY,DISPLAY YDRV ASSY 42V6 YDRV BTM ASSY
204	6871QLH034A	PCB ASSEMBLY,DISPLAY XRLT ASSY 42V6_XL(4LAYER)
205	6871QRH037A	PCB ASSEMBLY,DISPLAY XRRT ASSY 42V6_XR(4LAYER)
206	6871QYH029A	PCB ASSEMBLY,DISPLAY YSUS ASSY 42V6
207	6871QZH033A	PCB ASSEMBLY,DISPLAY ZSUS ASSY 42V6
300	3091V00504J	CABINET ASSEMBLY,DN-42PZ75 STEREO NON RU-42PZ61
301	4980V00718C	SUPPORTER,FILTER AL RU-42PZ61,71
302	4980V00719E	SUPPORTER,FILTER AL RU-42PZ61.
303	4980V00720D	SUPPORTER,FILTER AL RU-42PZ71 RIGHT
304	4980V00721D	SUPPORTER,FILTER AL RU-42PZ71 LEFT
305	3790V00281G	FILTER(MECH),NBK 1142G03EK-M6 AR/NIR MESH GLASS 3 LAYER
400	3809V00352D	BACK COVER ASSEMBLY,RU-42PZ61 NON NOBLE BLACK
401	3301V00025S	PLATE ASSEMBLY,VSC TUNER COVER RU-42PZ71
410	4980V00C74B	SUPPORTER ASSY,MODULE VERTICAL
430	3501V00166B	BOARD ASSEMBLY,D/T SPK STAND RU-42PZ71 NON W/O PACKING
501	3301V00045G	PLATE ASSEMBLY,AV 3300V00427E, 3300V00333C RU-42PZ71 (NCT)
520	6871VMM822A	PCB ASSEMBLY,MAIN RF043A MALIBU RU-42PZ71 MAIN DIGITAL MANUAL
530	6871VSMT20A	PCB ASSEMBLY,SUB TUNER RF043A MALIBU RU-42 SUB ANALOG MANUAL
540	6871VSMABFB	PCB ASSEMBLY,SUB PSW RF043A M/I RU-42PZ61/71
541	5020V01015B	BUTTON,POWER RU-42PZ71 ABS 1KEY .
560	6871VSMAAZA	PCB ASSEMBLY,SUB CONT RF043A NEW HOLDER LOCAL KEY KODENSI
570	6871VSMAAYA	PCB ASSEMBLY,SUB A/V RF043A RU ANALOG BUILT IN FRONT B/D
571	4810V00737C	BRACKET,AV RU-42PZ71 RF043A ABS, HF-380 .
580	3501V00182A	BOARD ASSEMBLY,POWER RZ-42PX10 RF043A SRX-89 SONY PSU
590	3141VSNB49C	CHASSIS ASSEMBLY,SUB RF03FA LINE FILTER ASSY. 7 TURN TWIST
600	6871VSMG41A	PCB ASSEMBLY,SUB AUDIO RF043A SPK_TERMINAL

REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyester
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

RUN DATE : 2004.8.25

LOCA. NO	PART NO	DESCRIPTION
IC		
IC100	0IMMRAL014B	AT24C02N-10SI-2.7 8P
IC100	0IMI623200B	M62320FP 16P
IC1000	0IMCRFA010A	KA7809R 2P
IC1001	0IPRPML001A	MIC39100 3P SOT223
IC1002	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1003	0ITK118100B	TK11840L 8P SOT23L DC-DC CONVERTER
IC1004	0IMCRSH001A	PQ05DZ1U SHARP 5
IC101	0IMMRAL014B	AT24C02N-10SI-2.7 8P
IC102	0IMCRTI003A	SN74HCT08D 16P
IC103	0IMCRTI021A	SN74LVTH541PWR 20P
IC104	0IMCRTI021A	SN74LVTH541PWR 20P
IC1100	0IMMRNE002A	UPD64083GF3BA 100
IC1100	0IMCRTH002A	THC63LVD103 64P
IC1101	0ISA715100D	LA7151M 10SOP AUDIO SW
IC1200	0IMCRSJ001A	SC15651ST-1.8 3P SOT223
IC1201	0IPRPML001A	MIC39100 3P SOT223
IC1202	0IMCRFA010A	KA7809R 2P
IC1300	0IMCRRH001A	BA033FP-E2 3P-SOP,TO252-3 R/TP 3.3V
IC1301	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1302	0IMCRSH001A	PQ05DZ1U SHARP 5
IC1303	0IMCRRH001A	BA033FP-E2 3P-SOP,TO252-3 3.3V
IC1304	0IMCRSJ001A	SC15651ST-1.8 3P SOT223
IC1305	0IMCRRH001A	BA033FP-E2 3P-SOP,TO252-3 3.3V
IC1306	0IPRPML001A	MIC39100 3P SOT223
IC200	0IFA742530B	74ACT253SC 16P
IC201	0IMCRSG010A	ST3232CDR SOP16 RS232
IC202	0IMCRMIO06A	M52758FP MITSUBISHI 36PIN,
IC203	0ISTLSG009A	M74HC123RM13TR 16P
IC204	0ISTLSG009A	M74HC123RM13TR 16P
IC400	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W
IC401	0ISO210100B	CXA2101AQ 80P VIDEO SIGNAL
IC402	0IMCRTI003A	SN74HCT08D 16P
IC403	0ISTLSG009A	M74HC123RM13TR 16P
IC500	0ICTMLG018A	LGDP4410 LG IC 176P
IC500	0IZZVC0128A	M37136EFSP DIP 52P
IC5001	0IKE780500Q	KIA7805API 3P TO-220 5V
IC5002	0ISH092100B	PQ09RD21 4SIP ST REGULATOR
IC5003	0ISH092100B	PQ09RD21 4SIP ST REGULATOR
IC5004	0ISH122100B	PQ12RD21 4SIP ST REGULATOR
IC5005	0IMI623200B	M62320FP 16P
IC5006	0IDS162100B	DS1621V 8P
IC501	0IMCRTI003A	SN74HCT08D 16P
IC502	0IMCRAL006A	AT24C16AN-10SI-2.7 8P
IC503	0IKE703300E	KIA7033AF 3P SOT-89
IC600	0IMCRMIO06A	M52758FP 36PIN
IC600	0IMCRGN002C	FLI2300BD 208P DIGITAL VIDEO

LOCA. NO	PART NO	DESCRIPTION
IC601	0IIT323000E	VPC3230D C5 80P VIDEO PROCESSOR
IC601	0IMMRHY033A	HY57V643220C(L)T-6 86P 64M
IC602	0ISA715100D	LA7151M 10SOP AUDIO SW
IC700	0IPRPGN012A	GM1501HBD 416P PBGA
IC700	0IIT323000E	VPC3230D C5 80P VIDEO PROCESSOR
IC701	0IMMRAL025A	AT24C32AN-10SI-2.7 8PIN
IC702	0IKE704200J	KIA7042AF SOT-89 TP 4.2V
IC800	0IMMRHY020B	HY5DU283222AQ-5 100P
IC800	0IMCRMN027B	MSP4440G-QA-C13-101 80P/PQFP
IC801	0IMMRMR023B	MX29LV800BTTC-70 48P
IC801	0IMCRNL001A	NSP-6241B 64P DIGITAL AUDIO
IC802	0IMCRTI028C	TAS5122DCAR 56P 30W STEREO
IC803	0IPRPJR017A	NJU26901E2 JRC 8P DIGITAL AUDIO
IC805	0IKE704200J	KIA7042AF SOT-89 TP 4.2V
TRANSISTOR		
Q001	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q002	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q100	0TR830009BA	BSS83
Q100	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1000	0TRKE80038A	KTC3552T-RTK SOT-23F 50V 3A
Q101	0TR830009BA	BSS83
Q101	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q102	0TR830009BA	BSS83
Q102	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q103	0TR830009BA	BSS83
Q103	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q104	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q105	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q106	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q107	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q108	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q110	0TR830009BA	BSS83
Q1100	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1101	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1102	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1103	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1104	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1105	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1106	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1107	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1108	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1109	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q111	0TR830009BA	BSS83
Q1110	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1111	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1112	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1113	0TR387500AA	CHIP 2SC3875S(ALY) KEC

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q1114	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q402	0TR150400BA	CHIP 2SA1504S(ASY) KEC
Q1115	0TR150400BA	CHIP 2SA1504S(ASY) KEC	Q403	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1116	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q403	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1117	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q404	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1118	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q405	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1119	0TR102009AG	CHIP KRC102S SOT-23	Q406	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q112	0TR830009BA	BSS83	Q600	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q113	0TR830009BA	BSS83	Q601	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1200	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q602	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1201	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q603	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1202	0TR387500AA	CHIP 2SC3875S(ALY) KEC	Q800	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1501	0TR830009BA	BSS83	Q801	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q1503	0TR830009BA	BSS83	Q802	0TR387500AA	CHIP 2SC3875S(ALY) KEC
Q207	0TR387500AA	CHIP 2SC3875S(ALY) KEC	DIODE		
Q208	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D100	0DD226239AA	CHIP KDS226 SOT-23
Q209	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D100	0DD226239AA	CHIP KDS226 SOT-23
Q210	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1000	0DD226239AA	CHIP KDS226 SOT-23
Q211	0TR104009AF	CHIP KRC104S SOT-23	D1001	0DD184009AA	KDS184S CHIP 85V 300MA
Q214	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1002	0DD226239AA	CHIP KDS226 SOT-23
Q215	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D1003	0DD226239AA	CHIP KDS226 SOT-23
Q216	0TR104009AF	CHIP KRC104S SOT-23 TP KEC	D1004	0DD226239AA	CHIP KDS226 SOT-23
Q217	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D101	0DD226239AA	CHIP KDS226 SOT-23
Q218	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D101	0DD226239AA	CHIP KDS226 SOT-23
Q219	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D102	0DD226239AA	CHIP KDS226 SOT-23
Q300	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D102	0DD226239AA	CHIP KDS226 SOT-23
Q301	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D103	0DD226239AA	CHIP KDS226 SOT-23
Q302	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D105	0DD184009AA	KDS184S CHIP 85V 300MA
Q303	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D106	0DD184009AA	KDS184S CHIP 85V 300MA
Q304	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D116	0DD226239AA	CHIP KDS226 SOT-23
Q305	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D117	0DD226239AA	CHIP KDS226 SOT-23
Q306	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D118	0DD226239AA	CHIP KDS226 SOT-23
Q307	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D119	0DD226239AA	CHIP KDS226 SOT-23
Q308	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D120	0DD226239AA	CHIP KDS226 SOT-23
Q309	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1200	0DD226239AA	CHIP KDS226 SOT-23
Q310	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1201	0DD226239AA	CHIP KDS226 SOT-23
Q311	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1206	0DD226239AA	CHIP KDS226 SOT-23
Q312	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D121	0DD226239AA	CHIP KDS226 SOT-23
Q313	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D122	0DD226239AA	CHIP KDS226 SOT-23
Q314	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D123	0DD226239AA	CHIP KDS226 SOT-23
Q315	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D124	0DD226239AA	CHIP KDS226 SOT-23
Q316	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D125	0DD226239AA	CHIP KDS226 SOT-23
Q317	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D126	0DD226239AA	CHIP KDS226 SOT-23
Q318	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D127	0DD226239AA	CHIP KDS226 SOT-23
Q319	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D128	0DD226239AA	CHIP KDS226 SOT-23
Q320	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D129	0DD226239AA	CHIP KDS226 SOT-23
Q321	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D130	0DD226239AA	CHIP KDS226 SOT-23
Q400	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1300	0DD226239AA	CHIP KDS226 SOT-23
Q400	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D1301	0DD226239AA	CHIP KDS226 SOT-23
Q401	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1302	0DD226239AA	CHIP KDS226 SOT-23
Q401	0TR150400BA	CHIP 2SA1504S(ASY) KEC	D1303	0DD226239AA	CHIP KDS226 SOT-23
Q402	0TR387500AA	CHIP 2SC3875S(ALY) KEC			

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
D1304	0DD226239AA	CHIP KDS226 SOT-23	C1042	0CE477SF6DC	470UF MVG 16V 20%
D1305	0DD226239AA	CHIP KDS226 SOT-23	C1045	0CE107SF6DC	100UF MVG 16V M
D1306	0DD226239AA	CHIP KDS226 SOT-23	C105	0CE476DF618	47UF STD 16V M
D131	0DD226239AA	CHIP KDS226 SOT-23	C1058	0CE107SF6DC	100UF MVG 16V M
D1501	0DD226239AA	CHIP KDS226 SOT-23	C1059	0CE477DJ618	470UF STD 35V 20% FL TP 5
D1503	0DD226239AA	CHIP KDS226 SOT-23	C106	0CE227VF6DC	220UF MV 16V 20%
D400	0DD184009AA	KDS184S CHIP 85V 300MA	C1060	0CE227VF6DC	220UF MV 16V 20%
D500	0DD226239AA	CHIP KDS226 SOT-23	C1063	0CE227VF6DC	220UF MV 16V 20%
D5001	0DD100009AM	EU1ZV(1) TP SANKEN	C1066	0CE107SF6DC	100UF MVG 16V M
D501	0DD226239AA	CHIP KDS226 SOT-23	C1067	0CE477DJ618	470UF STD 35V 20% FL TP 5
D502	0DD226239AA	CHIP KDS226 SOT-23	C107	0CE477SF6DC	470UF MVG 16V 20%
LD001	0DL200000CA	LED,SAM5670(DL-2LRG)	C1072	0CE107SF6DC	100UF MVG 16V M
LD1000	0DL233309AC	LED,SAM2333	C1074	0CE107SF6DC	100UF MVG 16V M
LD1001	0DL233309AC	LED,SAM2333	C1077	0CE107SF6DC	100UF MVG 16V M
LD1002	0DL233309AC	LED,SAM2333	C108	0CE477SF6DC	470UF MVG 16V 20%
LD1003	0DL233309AC	LED,SAM2333	C1081	0CE107SF6DC	100UF MVG 16V M
LD1100	0DL233309AC	LED,SAM2333	C1083	0CE107SF6DC	100UF MVG 16V M
LD1203	0DL233309AC	LED,SAM2333	C1084	0CE107SF6DC	100UF MVG 16V M
LD1204	0DL233309AC	LED,SAM2333	C1087	0CE107SF6DC	100UF MVG 16V M
LD1206	0DL233309AC	LED,SAM2333	C110	0CE227VF6DC	220UF MV 16V 20%
LD1207	0DL233309AC	LED,SAM2333	C1108	0CE106SF6DC	10UF MVG 16V 20%
LD500	0DL233309AC	LED,SAM2333	C111	0CE475SK6DC	4.7UF MVG 50V 20%
LD501	0DL233309AC	LED,SAM2333	C112	0CE477SF6DC	470UF MVG 16V 20%
LD502	0DL233309AC	LED,SAM2333	C1128	0CE106SF6DC	10UF MVG 16V 20%
LD503	0DL233309AC	LED,SAM2333	C1129	0CN105EJ56A	1.0UF 3216 35V 10%
ZD100	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C113	0CE106SF6DC	10UF MVG 16V 20%
ZD101	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C114	0CE474SK6DC	0.47UF MVG 50V M
ZD102	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1145	0CN105EJ56A	1.0UF 3216 35V 10%
ZD103	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1146	0CE106SF6DC	10UF MVG 16V 20%
ZD104	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1147	0CE106SF6DC	10UF MVG 16V 20%
ZD105	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1152	0CE106SF6DC	10UF MVG 16V 20%
ZD400	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1159	0CE476SF6DC	47UF MVG 16V M
ZD401	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1160	0CE476SF6DC	47UF MVG 16V M
ZD800	0DZ820009AH	ZENERS,MTZJ8.2B	C120	0CE476SF6DC	47UF MVG 16V M
CAPACITOR			C1202	0CE476SF6DC	47UF MVG 16V M
C1001	0CE107SF6DC	100UF MVG 16V M	C1205	0CE107SF6DC	100UF MVG 16V M
C1002	0CE227VF6DC	220UF MV 16V 20%	C1206	0CE477SF6DC	470UF MVG 16V 20%
C1004	0CE475SK6DC	4.7UF MVG 50V 20%	C121	0CE476SF6DC	47UF MVG 16V M
C1006	0CE477SF6DC	470UF MVG 16V 20%	C121	0CE477SF6DC	470UF MVG 16V 20%
C1016	0CE107SF6DC	100UF MVG 16V M	C1211	0CE477SF6DC	470UF MVG 16V 20%
C1017	0CE107SF6DC	100UF MVG 16V M	C1212	0CE477SF6DC	470UF MVG 16V 20%
C1018	0CE107SF6DC	100UF MVG 16V M	C1215	0CE477SF6DC	470UF MVG 16V 20%
C102	0CE474SK6DC	0.47UF MVG 50V M	C1216	0CE227VF6DC	220UF MV 16V 20%
C1020	0CE107SF6DC	100UF MVG 16V M	C1218	0CE477SF6DC	470UF MVG 16V 20%
C1022	0CE477SF6DC	470UF MVG 16V 20%	C1220	0CE227VF6DC	220UF MV 16V 20%
C1025	0CE475SK6DC	4.7UF MVG 50V 20%	C1223	0CE107SF6DC	100UF MVG 16V M
C1027	0CE107SF6DC	100UF MVG 16V M	C1229	0CE227VF6DC	220UF MV 16V 20%
C1031	0CE477SF6DC	470UF MVG 16V 20%	C1233	0CE477SF6DC	470UF MVG 16V 20%
C1037	0CE477SF6DC	470UF MVG 16V 20%	C124	0CE107SF6DC	100UF MVG 16V M
C104	0CE476DF618	47UF STD 16V M	C1249	0CE227VF6DC	220UF MV 16V 20%
			C1250	0CE227VF6DC	220UF MV 16V 20%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C1251	0CE477SF6DC	470UF MVG 16V 20%	C303	0CE476SF6DC	47UF MVG 16V M
C1254	0CE227VF6DC	220UF MV 16V 20%	C315	0CE476SF6DC	47UF MVG 16V M
C1256	0CE227VF6DC	220UF MV 16V 20%	C316	0CE476SF6DC	47UF MVG 16V M
C1257	0CE227VF6DC	220UF MV 16V 20%	C317	0CE476SF6DC	47UF MVG 16V M
C1259	0CE227VF6DC	220UF MV 16V 20%	C322	0CE476SF6DC	47UF MVG 16V M
C127	0CE475SK6DC	4.7UF MVG 50V 20%	C324	0CE476SF6DC	47UF MVG 16V M
C1273	0CE476SF6DC	47UF MVG 16V M	C334	0CE476SF6DC	47UF MVG 16V M
C1274	0CE107SF6DC	100UF MVG 16V M	C335	0CE476SF6DC	47UF MVG 16V M
C1275	0CE107SF6DC	100UF MVG 16V M	C400	0CE227VF6DC	220UF MV 16V 20%
C1279	0CE107SF6DC	100UF MVG 16V M	C401	0CE476SF6DC	47UF MVG 16V M
C1305	0CE107SF6DC	100UF MVG 16V M	C402	0CE107SF6DC	100UF MVG 16V M
C1314	0CE476SF6DC	47UF MVG 16V M	C404	0CE227VF6DC	220UF MV 16V 20%
C1315	0CE107SF6DC	100UF MVG 16V M	C406	0CE476SF6DC	47UF MVG 16V M
C1317	0CE107SF6DC	100UF MVG 16V M	C410	0CE107SF6DC	100UF MVG 16V M
C1331	0CE477SF6DC	470UF MVG 16V 20%	C423	0CE105SK6DC	1UF MVG 50V M
C1333	0CE477SF6DC	470UF MVG 16V 20%	C429	0CE107SF6DC	100UF MVG 16V M
C1353	0CE477SF6DC	470UF MVG 16V 20%	C435	0CE107SF6DC	100UF MVG 16V M
C1355	0CE477SF6DC	470UF MVG 16V 20%	C440	0CE106SF6DC	10UF MVG 16V 20%
C1362	0CE107SF6DC	100UF MVG 16V M	C442	0CE106SF6DC	10UF MVG 16V 20%
C1366	0CE227VF6DC	220UF MV 16V 20%	C5001	0CH2103K516	10000P 50V K B
C1368	0CE227VF6DC	220UF MV 16V 20%	C5002	0CH3104K566	0.1UF 50V 10%
C1373	0CE107SF6DC	100UF MVG 16V M	C5003	0CH3104K566	0.1UF 50V 10%
C1374	0CE476SF6DC	47UF MVG 16V M	C5005	0CH3104K566	0.1UF 50V 10%
C1384	0CE476SF6DC	47UF MVG 16V M	C5007	0CE1074F618	100UF SRA 16V M
C1388	0CE476SF6DC	47UF MVG 16V M	C5008	0CH2103K516	10000P 50V K B
C1391	0CE477SF6DC	470UF MVG 16V 20%	C5009	0CE1074F618	100UF SRA 16V M
C1400	0CE476SF6DC	47UF MVG 16V M	C5010	0CH2103K516	10000P 50V K B
C1402	0CE476SF6DC	47UF MVG 16V M	C5011	0CH2103K516	10000P 50V K B
C1404	0CE477SF6DC	470UF MVG 16V 20%	C5012	0CH2103K516	10000P 50V K B
C1410	0CE477SF6DC	470UF MVG 16V 20%	C5013	0CH3104K566	0.1UF 50V 10%
C1415	0CE477SF6DC	470UF MVG 16V 20%	C5014	0CH3104K566	0.1UF 50V 10%
C1425	0CE107SF6DC	100UF MVG 16V M	C5015	0CH3104K566	0.1UF 50V 10%
C208	0CE106SF6DC	10UF MVG 16V 20%	C5016	0CE227DF618	220UF STD 16V M
C209	0CE477SF6DC	470UF MVG 16V 20%	C5017	0CE105CK636	1UF SHL,SD 50V M
C210	0CE106SF6DC	10UF MVG 16V 20%	C5018	0CE105CK636	1UF SHL,SD 50V M
C222	0CE476XFKDC	47UF MVK-BP,CN 16V 20%,-20%	C5019	0CE105CK636	1UF SHL,SD 50V M
C223	0CE476XFKDC	47UF MVK-BP,CN 16V 20%,-20%	C5020	0CH2103K516	10000P 50V K B
C224	0CE476XFKDC	47UF MVK-BP,CN 16V 20%,-20%	C5021	0CH2103K516	10000P 50V K B
C230	0CE107SF6DC	100UF MVG 16V M	C5022	0CH2103K516	10000P 50V K B
C251	0CE106SF6DC	10UF MVG 16V 20%	C508	0CN105EJ56A	1.0UF 3216 35V 10%
C254	0CN105EJ56A	1.0UF 3216 35V 10%	C520	0CE476SF6DC	47UF MVG 16V M
C258	0CE476SF6DC	47UF MVG 16V M	C524	0CE476SF6DC	47UF MVG 16V M
C261	0CE476SF6DC	47UF MVG 16V M	C526	0CE107SF6DC	100UF MVG 16V M
C263	0CE476SF6DC	47UF MVG 16V M	C601	0CE107SF6DC	100UF MVG 16V M
C272	0CE107SF6DC	100UF MVG 16V M	C605	0CE476SF6DC	47UF MVG 16V M
C274	0CE107SF6DC	100UF MVG 16V M	C607	0CE476SF6DC	47UF MVG 16V M
C276	0CE107SF6DC	100UF MVG 16V M	C608	0CE476SF6DC	47UF MVG 16V M
C288	0CE106SF6DC	10UF MVG 16V 20%	C611	0CE476SF6DC	47UF MVG 16V M
C289	0CN105EJ56A	1.0UF 3216 35V 10%	C612	0CE476SF6DC	47UF MVG 16V M
C300	0CE476SF6DC	47UF MVG 16V M	C614	0CE476SF6DC	47UF MVG 16V M
C301	0CE476SF6DC	47UF MVG 16V M	C626	0CE107SF6DC	100UF MVG 16V M

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
C627	0CE107SF6DC	100UF MVG 16V M
C632	0CE107SF6DC	100UF MVG 16V M
C634	0CE106SF6DC	10UF MVG 16V 20%
C637	0CE106SF6DC	10UF MVG 16V 20%
C651	0CE106SF6DC	10UF MVG 16V 20%
C671	0CE106SF6DC	10UF MVG 16V 20%
C672	0CE106SF6DC	10UF MVG 16V 20%
C673	0CE106SF6DC	10UF MVG 16V 20%
C674	0CE106SF6DC	10UF MVG 16V 20%
C702	0CE107SF6DC	100UF MVG 16V M
C703	0CE226SF6DC	22UF MVG 16V 20%
C710	0CE106SF6DC	10UF MVG 16V 20%
C713	0CE106SF6DC	10UF MVG 16V 20%
C720	0CE226SF6DC	22UF MVG 16V 20%
C723	0CE226SF6DC	22UF MVG 16V 20%
C727	0CE106SF6DC	10UF MVG 16V 20%
C737	0CE226SF6DC	22UF MVG 16V 20%
C744	0CE226SF6DC	22UF MVG 16V 20%
C752	0CE226SF6DC	22UF MVG 16V 20%
C757	0CE226SF6DC	22UF MVG 16V 20%
C762	0CE226SF6DC	22UF MVG 16V 20%
C769	0CE226SF6DC	22UF MVG 16V 20%
C777	0CE226SF6DC	22UF MVG 16V 20%
C778	0CE226SF6DC	22UF MVG 16V 20%
C785	0CE335SK6DC	3.3UF MVG 50V 20%
C800	0CE226SF6DC	22UF MVG 16V 20%
C801	0CE226SF6DC	22UF MVG 16V 20%
C802	0CE476SF6DC	47UF MVG 16V M
C803	0CE226VF6DC	22UF MV 16V 20%
C812	0CE226VF6DC	22UF MV 16V 20%
C822	0CE107SF6DC	100UF MVG 16V M
C825	0CE335SK6DC	3.3UF MVG 50V 20%
C827	0CE107SF6DC	100UF MVG 16V M
C828	0CE106SF6DC	10UF MVG 16V 20%
C829	0CE106SF6DC	10UF MVG 16V 20%
C834	0CE106SF6DC	10UF MVG 16V 20%
C837	0CE106SF6DC	10UF MVG 16V 20%
C840	0CE106SF6DC	10UF MVG 16V 20%
C841	0CE107SF6DC	100UF MVG 16V M
C847	0CN105EJ56A	1.0UF 3216 35V 10%
C851	0CE108DH618	1000UF STD 25V M
C852	0CE108DH618	1000UF STD 25V M
C862	0CF4741L438	0.47UF D 63V 5%
C863	0CF4741L438	0.47UF D 63V 5%
C872	0CE335SK6DC	3.3UF MVG 50V 20%
C873	0CN105EJ56A	1.0UF 3216 35V 10%
C874	0CE108DH618	1000UF STD 25V M
JACK		
JK103	6613V00004S	JACK ASSEMBLY,PJ-6054R 3P
JK111	6612JH003EB	JACK,RCA UST-AG-013

LOCA. NO	PART NO	DESCRIPTION
JK200	6612VJH020B	JACK,RCA PPJ122B 6P
JK201	6612VJH020C	JACK,RCA PPJ122C 6P
JK202	6612VJH019B	JACK,RCA PPJ121B 4P
P101	380-068E	JACK,PHONE UEJ-CV-018
P102	6612BBBHN6A	JACK,DIN 440062-1
P200	380-363G	JACK,DIN 6046B-01S
P201	380-068E	JACK,PHONE UEJ-CV-018
COIL		
L1004	6140VB0004B	COIL,CHOKE 26UH
L1005	6140VB0004B	COIL,CHOKE 26UH
L1006	6140VB0004B	COIL,CHOKE 26UH
L1007	6140VB0004B	COIL,CHOKE 26UH
L1200	6140VB0004B	COIL,CHOKE 26UH
L1203	6140VB0004B	COIL,CHOKE 26UH
L1209	6140VB0004B	COIL,CHOKE 26UH
L1213	6140VB0004B	COIL,CHOKE 26UH
L803	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L804	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L805	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L806	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
RESISTOR		
AR500	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR501	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR502	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR503	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR504	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR505	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR507	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR508	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR509	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR512	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR513	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR600	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR600	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR601	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR601	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR602	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR602	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR603	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR603	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR604	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR605	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR606	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR607	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR608	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR609	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR610	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR611	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR612	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
AR613	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1014	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR614	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1015	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR615	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1016	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR616	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1017	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR617	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1018	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR618	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1019	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR700	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L102	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR701	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L102	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR701	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1020	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR707	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1021	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR708	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L103	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR709	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L103	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR710	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L104	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR711	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L105	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR712	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L105	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR713	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L106	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR714	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L107	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
AR715	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L108	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
AR717	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1102	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR718	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1201	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
AR719	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%	L1206	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
R5026	0RD0302A609	30 OHM 1/2 W(7.0) 5.00%	L1207	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
R801	0RKZVTA001L	1.0M OHM 1/2 W 5%	L1210	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
R802	0RKZVTA001L	1.0M OHM 1/2 W 5%	L1211	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SWITCH			L1216	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW001	140-315A	SWITCH,TACT SKHV17910B 12V	L1217	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW002	140-315A	SWITCH,TACT SKHV17910B 12V	L1300	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW003	140-315A	SWITCH,TACT SKHV17910B 12V	L1302	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW004	140-315A	SWITCH,TACT SKHV17910B 12V	L1303	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW005	140-315A	SWITCH,TACT SKHV17910B 12V	L1304	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW006	140-315A	SWITCH,TACT SKHV17910B 12V	L1305	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW700	140-313B	SWITCH,TACT 2LEAD 160G(TA)	L1307	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
SW800	6600VM2006A	SWITCH,PUSH SDDF3PATP011	L1310	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
FILTER & CRYSTAL			L1311	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F101	6200VJS001A	FILTER,EMC ZJY51R5-4P	L1312	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F102	6200VJS001B	FILTER,EMC ZJYS51R5-2PL(T)	L1313	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
F103	6200VJS001B	FILTER,EMC ZJYS51R5-2PL(T)	L1314	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L100	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1315	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L100	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1316	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1000	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1317	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1002	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1318	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1008	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1321	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1009	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1322	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L101	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1325	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L101	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1326	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1010	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1327	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1011	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1328	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1012	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1329	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1013	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L1330	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
			L1331	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
			L1332	6210VC0006A	FILTER,EMC FBMH3216 HM501NT

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
L1333	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L800	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1500	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L801	6200J000025	FILTER,EMC TO-0927 200UH +-10%
L200	6200JB8013L	FILTER,EMC 60 OHM TB201209U060	L802	6200J000025	FILTER,EMC TO-0927 200UH +-10%
L201	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L807	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L202	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L808	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L203	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	LT1100	6200C000010	FILTER,B.P. H354LAI-K5202
L204	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	LT1101	6200C000010	FILTER,B.P. H354LAI-K5202
L204	6210VC0005A	FILTER,EMC BK2125 HS 750	LT1102	6200C000009	FILTER,B.P. H354LAI-K5225
L205	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	LT1103	6200C000009	FILTER,B.P. H354LAI-K5225
L205	6210VC0005A	FILTER,EMC BK2125 HS 750	R102	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L206	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	R103	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L206	6210VC0005A	FILTER,EMC BK2125 HS 750	R106	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L207	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	R107	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L207	6210VC0005A	FILTER,EMC BK2125 HS 750	R108	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2
L208	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1100	6212AB2015B	RESONATOR,CRYSTAL HC-49/SM5H 20MHZ
L208	6210VC0005A	FILTER,EMC BK2125 HS 750	X500	6202VDT002D	RESONATOR,CRYSTAL SX-1SMD 8.0MHZ
L209	6210VC0005A	FILTER,EMC BK2125 HS 750	X600	6202VDB007B	RESONATOR,CRYSTAL HC49U 20.250MHZ
L210	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	X600	6202VDT002J	RESONATOR,CRYSTAL SX-1 13.500000MHZ
L211	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	X700	6202VDB007B	RESONATOR,CRYSTAL HC49U 20.250MHZ
L212	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	X700	6202VDT002B	RESONATOR,CRYSTAL SX-1 SC14.3MHZ
L213	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	X800	156-A02M	RESONATOR,CRYSTAL HC49U 18.432MHZ
L214	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	MISCELLANEOUS		
L214	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	F801	0FS1002B53K	FUSE,SLOW BLOW 10000MA 250V
L215	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	F801A	430-813A	HOLDER,FUSE
L215	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	F802A	430-813A	HOLDER,FUSE N
L216	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	P100	6630VGA001C	CONNECTOR,D-SUB 15PIN 2.29MM
L216	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	P200	6630VGA004B	CONNECTOR,D-SUB 9P 2.77MM
L217	6200JB8010L	FILTER,EMC MLB-201209-1000L-N2	PA001	6726VH0001A	REMOTE CONTROLLER RECEIVER,38KHZ
L300	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	TU100	6700NF0010A	TUNER,TAUM-H501P
L301	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	TU101	6700NF0010B	TUNER,TAFM-H502P
L302	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	ACCESSORIES		
L303	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A1	3828VA0470P	MANUAL,OWNERS LG EN(CIRCUIT)
L304	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A2	6710V00137G	REMOTE CONTROLLER
L305	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A3	6410VUH005A	POWER CORD,PS204 125V/13A 2800MM
L400	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A4	6631V23005A	CONNECTOR ASSEMBLY,2P 2.36PAI 5000MM
L401	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A5	6851V00019A	CABLE ASSEMBLY,RF 4AC208A0 3M C
L401	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A7	4810V00509A	BRACKET,WALL AP-40/42DA10
L402	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L403	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L404	6210VC0005A	FILTER,EMC BK2125 HS 750			
L405	6210VC0005A	FILTER,EMC BK2125 HS 750			
L406	6210VC0005A	FILTER,EMC BK2125 HS 750			
L407	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L408	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L5001	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L502	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L503	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L609	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L610	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L700	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			

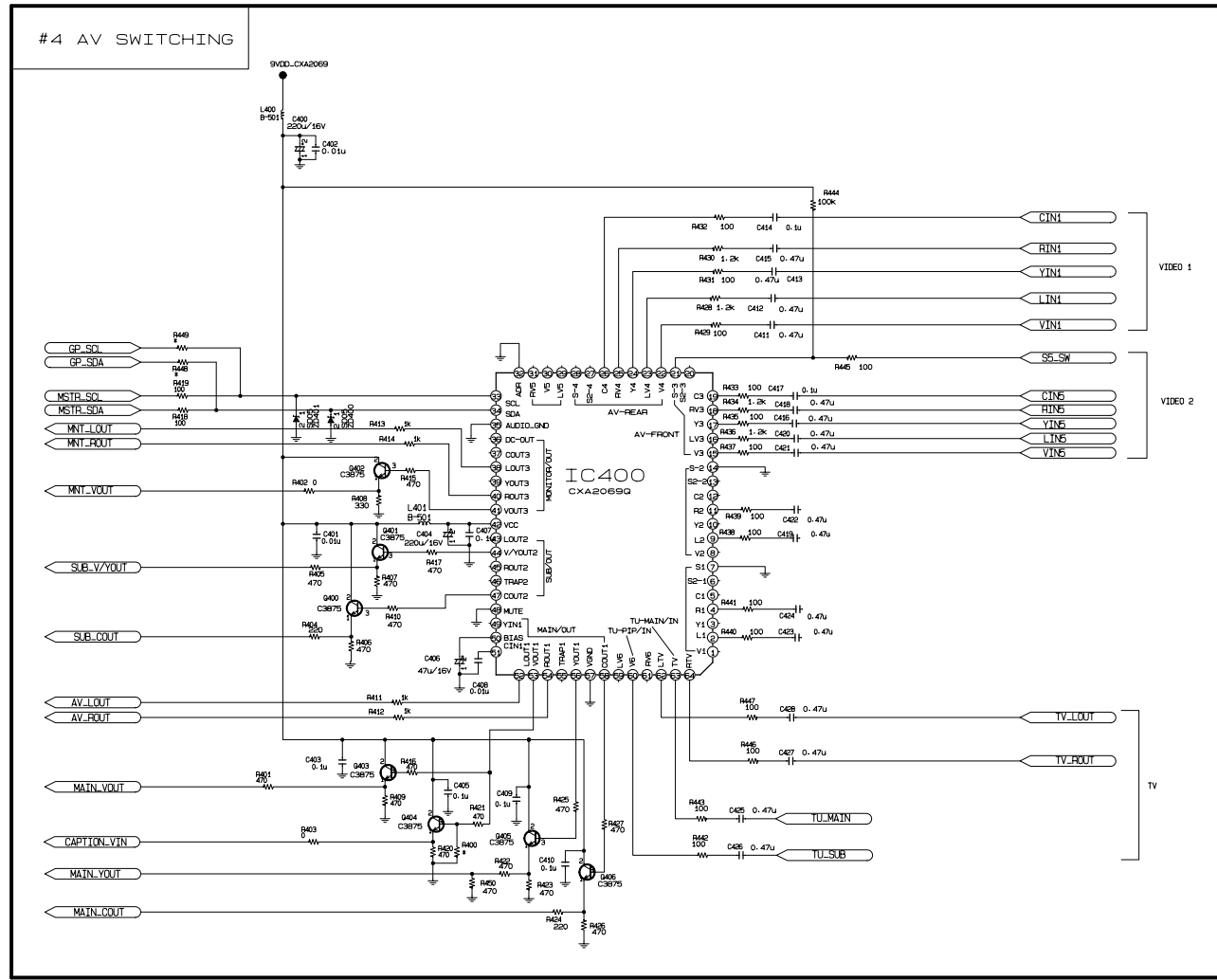
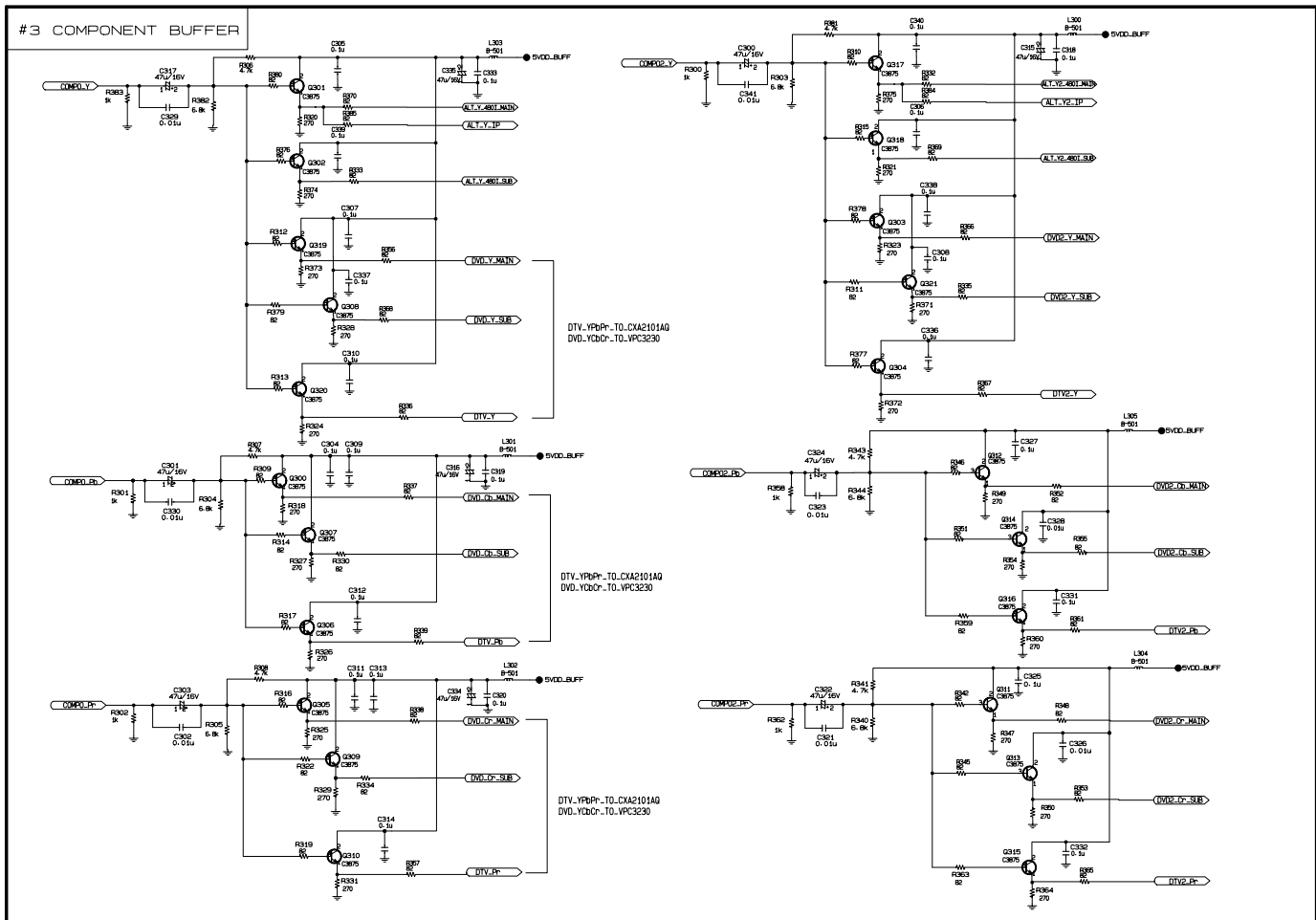
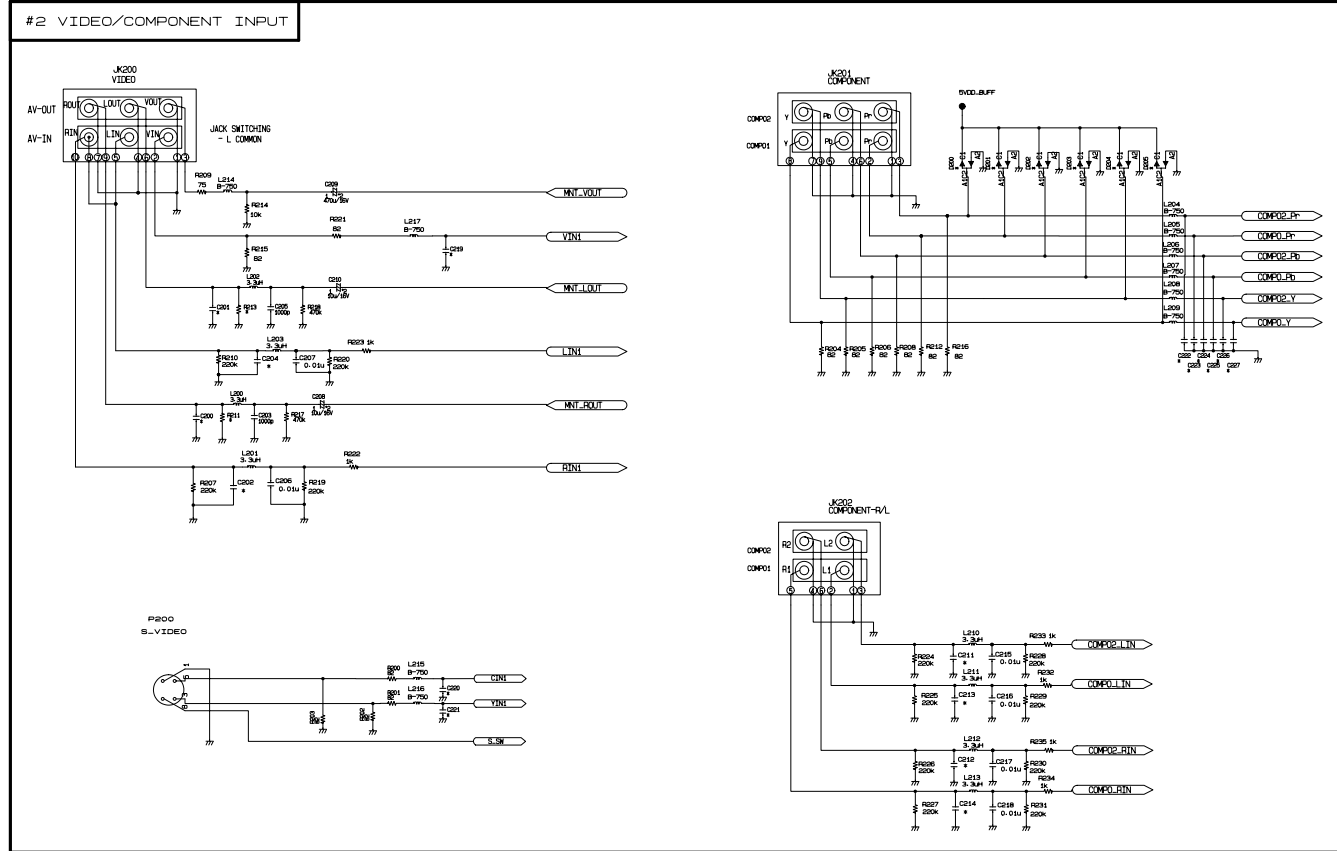
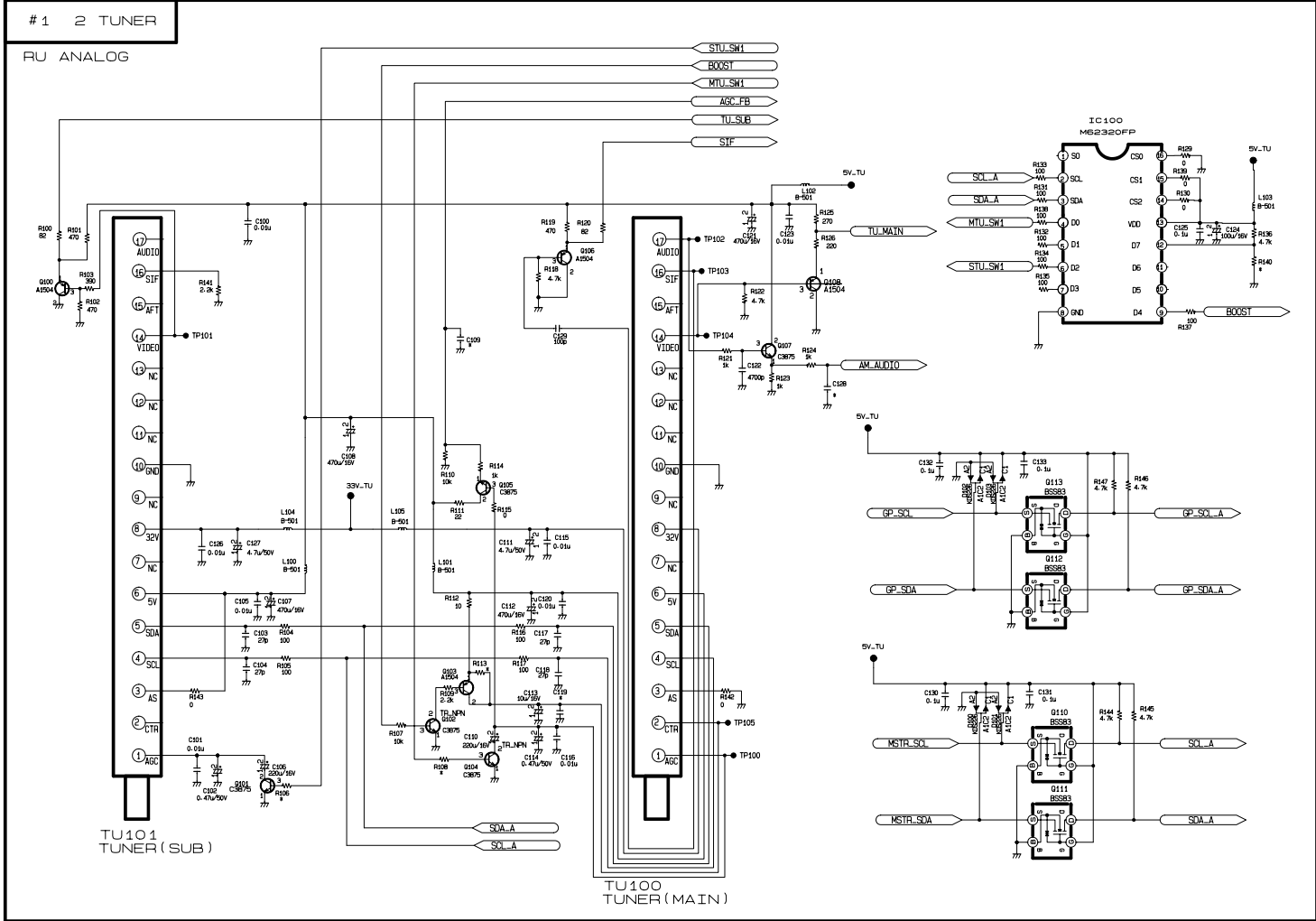


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The diagram illustrates the internal circuitry of a VHS-to-Digital Converter (VDC) using two IC600 chips. The main components and their connections are as follows:

- IC600 (MS2758FP):** This chip handles the main processing. It includes inputs for VIDEO, AUDIO, and various control signals. Key components include:
 - VIDEO INPUTS:** VIDEO_1, VIDEO_2, VIDEO_3, VIDEO_4, VIDEO_5, VIDEO_6, VIDEO_7, VIDEO_8, VIDEO_9, VIDEO_10, VIDEO_11, VIDEO_12, VIDEO_13, VIDEO_14, VIDEO_15, VIDEO_16, VIDEO_17, VIDEO_18, VIDEO_19, VIDEO_20, VIDEO_21, VIDEO_22, VIDEO_23, VIDEO_24, VIDEO_25, VIDEO_26, VIDEO_27, VIDEO_28, VIDEO_29, VIDEO_30, VIDEO_31, VIDEO_32, VIDEO_33, VIDEO_34, VIDEO_35, VIDEO_36, VIDEO_37, VIDEO_38, VIDEO_39, VIDEO_40, VIDEO_41, VIDEO_42, VIDEO_43, VIDEO_44, VIDEO_45, VIDEO_46, VIDEO_47, VIDEO_48, VIDEO_49, VIDEO_50, VIDEO_51, VIDEO_52, VIDEO_53, VIDEO_54, VIDEO_55, VIDEO_56, VIDEO_57, VIDEO_58, VIDEO_59, VIDEO_60, VIDEO_61, VIDEO_62, VIDEO_63, VIDEO_64, VIDEO_65, VIDEO_66, VIDEO_67, VIDEO_68, VIDEO_69, VIDEO_70, VIDEO_71, VIDEO_72, VIDEO_73, VIDEO_74, VIDEO_75, VIDEO_76, VIDEO_77, VIDEO_78, VIDEO_79, VIDEO_80, VIDEO_81, VIDEO_82, VIDEO_83, VIDEO_84, VIDEO_85, VIDEO_86, VIDEO_87, VIDEO_88, VIDEO_89, VIDEO_90, VIDEO_91, VIDEO_92, VIDEO_93, VIDEO_94, VIDEO_95, VIDEO_96, VIDEO_97, VIDEO_98, VIDEO_99, 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The schematic diagram illustrates the internal circuitry of the VPC3230D (SUB) component, centered around the IC700 (VPC3230D). The circuit includes various input and output pins connected to resistors (R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838, R839, R840, R841, R842, R843, R844, R845, R846, R847, R848, R849, R850, R851, R852, R853, R854, R855, R856, R857, R858, R859, R860, R861, R862, R863, R864, R865, R866, R867, R868, R869, R870, R871, R872, R873, R874, R875, R876, R877, R878, R879, R880, R881, R882, R883, R884, R885, R886, R887, R888, R889, R890, R891, R892, R893, R894, R895, R896, R897, R898, R899, R900, R901, R902, R903, R904, R905, R906, R907, R908, R909, R910, R911, R912, R913, R914, R915, R916, R917, R918, R919, R920, R921, R922, R923, R924, R925, R926, R927, R928, R929, R930, R931, R932, R933, R934, R935, R936, R937, R938, R939, R940, R941, R942, R943, R944, R945, R946, R947, R948, R949, R950, R951, R952, R953, R954, R955, R956, R957, R958, R959, R960, R961, R962, R963, R964, R965, R966, R967, R968, R969, R970, R971, R972, R973, R974, R975, R976, R977, R978, R979, R980, R981, R982, R983, R984, R985, R986, R987, R988, R989, R990, R991, R992, R993, R994, R995, R996, R997, R998, R999, R1000, R1001, R1002, R1003, R1004, R1005, R1006, R1007, R1008, R1009, R1010, R1011, R1012, R1013, R1014, R1015, R1016, R1017, R1018, R1019, R1020, R1021, R1022, R1023, R1024, R1025, R1026, R1027, R1028, R1029, R1030, R1031, R1032, R1033, R1034, R1035, R1036, R1037, R1038, R1039, R1040, R1041, R1042, R1043, R1044, R1045, R1046, R1047, R1048, R1049, R1050, R1051, R1052, R1053, R1054, R1055, R1056, R1057, R1058, R1059, R1060, R1061, R1062, R1063, R1064, R1065, R1066, R1067, R1068, R1069, R1070, R1071, R1072, R1073, R1074, R1075, R1076, R1077, R1078, R1079, R1080, R1081, R1082, R1083, R1084, R1085, R1086, R1087, R1088, R1089, R1090, R1091, R1092, R1093, R1094, R1095, R1096, R1097, R1098, R1099, R1100, R1101, R1102, R1103, R1104, R1105, R1106, R1107, R1108, R1109, R1110, R1111, R1112, R1113, R1114, R1115, R1116, R1117, R1118, R1119, R1120, R1121, R1122, R1123, R1124, R1125, R1126, R1127, R1128, R1129, R1130, R1131, R1132, R1133, R1134, R1135, R1136, R1137, R1138, R1139, R1140, R1141, R1142, R1143, R1144, R1145, R1146, R1147, R1148, R1149, R1150, R1151, R1152, R1153, R1154, R1155, R1156, R1157, R1158, R1159, R1160, R1161, R1162, R1163, R1164, R1165, R1166, R1167, R1168, R1169, R1170, R1171, R1172, R1173, R1174, R1175, R1176, R1177, R1178, R1179, R1180, R1181, R1182, R1183, R1184, R1185, R1186, R1187, R1188, R1189, R1190, R1191, R1192, R1193, R1194, R1195, R1196, R1197, R1198, R1199, R1200, R1201, R1202, R1203, R1204, R1205, R1206, R1207, R1208, R1209, R1210, R1211, R1212, R1213, R1214, R1215, R1216, R1217, R1218, R1219, R1220, R1221, R1222, R1223, R1224, R1225, R1226, R1227, R1228, R1229, R1230, R1231, R1232, R1233, R1234, R1235, R1236, R1237, R1238, R1239, R1240, R1241, R1242, R1243, R1244, R1245, R1246, R1247, R1248, R1249, R1250, R1251, R1252, R1253, R1254, R1255, R1256, R1257, R1258, R1259, R1260, R1261, R1262, R1263, R1264, R1265, R1266, R1267, R1268, R1269, R1270, R1271, R1272, R1273, R1274, R1275, R1276, R1277, R1278, R1279, R1280, R1281, R1282, R1283, R1284, R1285, R1286, R1287, R1288, R1289, R1290, R1291, R1292, R1293, R1294, R1295, R1296, R1297, R1298, R1299, R1300, R1301, R1302, R1303, R1304, R1305, R1306, R1307, R1308, R1309, R1310, R1311, R1312, R1313, R1314, R1315, R1316, R1317, R1318, R1319, R1320, R1321, R1322, R1323, R1324, R1325, R1326, R1327, R1328, R1329, R1330, R1331, R1332, R1333, R1334, R1335, R1336, R1337, R1338, R1339, R1340, R1341, R1342, R1343, R1344, R1345, R1346, R1347, R1348, R1349, R1350, R1351, R1352, R1353, R1354, R1355, R1356, R1357, R1358, R1359, R1360, R1361, R1362, R1363, R1364, R1365, R1366, R1367, R1368, R1369, R1370, R1371, R1372, R1373, R1374, R1375, R1376, R1377, R1378, R1379, R1380, R1381, R1382, R1383, R1384, R1385, R1386, R1387, R1388, R1389, R1390, R1391, R1392, R1393, R1394, R1395, R1396, R1397, R1398, R1399

